State: Pennsylvania Filing Company: United Security Assurance Company of

Pennsylvania

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

Product Name: PA 2020 TQLTC-97 Rate Increase

Project Name/Number: /

Filing at a Glance

Company: United Security Assurance Company of Pennsylvania

Product Name: PA 2020 TQLTC-97 Rate Increase

State: Pennsylvania

TOI: LTC03I Individual Long Term Care

Sub-TOI: LTC03I.001 Qualified

Filing Type: Rate - Other (Not M.U. or G.I. Product)

Date Submitted: 09/25/2020

SERFF Tr Num: USPA-132537056 SERFF Status: Closed-Approved State Tr Num: USPA-132537056

State Status: Approved

Co Tr Num: PA 2020 TQLTC-97 RATE INCREASE

Implementation On Approval

Date Requested:

Author(s): Martha Stephens, William Neugroschel, Marge Haley, Gary Hulet

Reviewer(s): Jim Laverty (primary)

Disposition Date: 10/26/2020 Disposition Status: Approved

Implementation Date:

State Filing Description:

Proposed 20% increase on 37 policyholders of United Security Assurance LTC form TQLTC-97-U.

State: Pennsylvania Filing Company: United Security Assurance Company of

Pennsylvania

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

Product Name: PA 2020 TQLTC-97 Rate Increase

Project Name/Number: /

General Information

Project Name: Status of Filing in Domicile: Pending

Project Number: Date Approved in Domicile:

Requested Filing Mode: Review & Approval Domicile Status Comments: PA is domicile

Explanation for Combination/Other: Market Type: Individual Submission Type: New Submission Individual Market Type:

Overall Rate Impact: 20% Filing Status Changed: 10/26/2020

State Status Changed: 10/26/2020

Deemer Date: Created By: Gary Hulet

Submitted By: Gary Hulet Corresponding Filing Tracking Number:

State TOI: LTC03I Individual Long Term Care

Filing Description:

United Security Assurance Company of Pennsylvania is requesting a rate increase for the block of long-term care insurance issued by the Company from 1998 through 2007 in Pennsylvania.

Attached, please find the proposed rates, as well as an actuarial memorandum outlining the rationale for the requested rate increase.

Company and Contact

Filing Contact Information

Martha Stephens, Vice President of mstephens@usa-cal.com

Operations

673 Cherry Lane 215-723-3044 [Phone] 124 [Ext]

Souderton, PA 18964-1260 215-723-8036 [FAX]

Filing Company Information

United Security Assurance CoCode: 42129 State of Domicile: Company of Pennsylvania Group Code: Pennsylvania

673 Cherry Lane Group Name: Company Type: Life,
Souderton, PA 18964-1260 FEIN Number: 23-2227246 Accident/Health
(215) 723-3044 ext. [Phone] State ID Number:

Filing Fees

Fee Required? No Retaliatory? No

Fee Explanation:

State: Pennsylvania Filing Company: United Security Assurance Company of Pennsylvania

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

Product Name: PA 2020 TQLTC-97 Rate Increase

Project Name/Number: /

Correspondence Summary

Dispositions

Status	Created By	Created On	Date Submitted
Approved	Jim Laverty	10/26/2020	10/26/2020

Objection Letters and Response Letters

Objection Letters Response Letters

Status	Created By	Created On	Date Submitted	Responded By	Created On	Date Submitted
Disapproved	Jim Laverty	09/25/2020	09/25/2020	Gary Hulet	09/28/2020	09/28/2020

State: Pennsylvania Filing Company: United Security Assurance Company of Pennsylvania

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

Product Name: PA 2020 TQLTC-97 Rate Increase

Project Name/Number: /

Disposition

Disposition Date: 10/26/2020

Implementation Date: Status: Approved

Comment: Oct 26, 2020

Martha Stephens, Vice President of Operations United Security Assurance Company of Pennsylvania 673 Cherry Lane Souderton, PA 18964-1260

RE: Proposed 20% increase on 37 policyholders of United Security Assurance LTC form TQLTC-97-U. Pennsylvania Insurance Department ID # USPA-132537056

Dear Martha Stephens:

The Department approves a 20% increase on the above captioned forms.

Sincerely,

James Laverty, FSA, MAAA

Actuary

Bureau of Life, Accident and Health Insurance

	Overall %	Overall %	Written Premium	Number of Policy	Written	Maximum %	Minimum %
Company	Indicated	Rate	Change for	Holders Affected	Premium for	Change	Change
Name:	Change:	Impact:	this Program:	for this Program:	this Program:	(where req'd):	(where req'd):
United Security Assurance Company of Pennsylvania	20.000%	20.000%	\$13,495	37	\$67,477	20.000%	20.000%

State: Pennsylvania Filing Company: United Security Assurance Company of Pennsylvania

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

Product Name: PA 2020 TQLTC-97 Rate Increase

Project Name/Number: /

Schedule	Schedule Item	Schedule Item Status	Public Access
Supporting Document	Transmittal Letter (A&H)		Yes
Supporting Document	Actuarial Certification (A&H)		Yes
Supporting Document	Actuarial Memorandum and Explanatory Information (A&H)		Yes
Supporting Document	Advertisements (A&H)		Yes
Supporting Document	Authorization to File (A&H)		Yes
Supporting Document	Insert Page Explanation (A&H)		Yes
Supporting Document	Rate Table (A&H)		Yes
Supporting Document	Replacement Form with Highlighted Changes (A&H)		Yes
Supporting Document	Advertisement Compliance Certification		Yes
Supporting Document	Reserve Calculation (A&H)		Yes
Supporting Document	Variability Explanation (A&H)		Yes
Supporting Document	Policyholder Rate Increase Notification Letter		Yes
Supporting Document	Response to 9-25-2020 Objection		Yes
Rate	Exhibit 12 Rates with 20% Increase		Yes

State: Pennsylvania Filing Company: United Security Assurance Company of

Pennsylvania

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

Product Name: PA 2020 TQLTC-97 Rate Increase

Project Name/Number: /

Objection Letter

Objection Letter Status

Objection Letter Date

Objection Letter Date

O9/25/2020

Submitted Date

Disapproved

09/25/2020

Respond By Date

Dear Martha Stephens,

Introduction:

Sept 25, 2020

Martha Stephens, Vice President of Operations United Security Assurance Company of Pennsylvania 673 Cherry Lane Souderton, PA 18964-1260

RE: Proposed 20% increase on 37 policyholders of United Security Assurance LTC form TQLTC-97-U. Pennsylvania Insurance Department ID # USPA-132537056

Dear Martha Stephens:

The captioned filing has been reviewed by the Pennsylvania Insurance Department. It has been determined that the filing fails to meet the requirements of our Insurance Company Laws or regulations and is therefore disapproved pursuant to the authority granted under Section 304(a) of Act 134, the Accident and Health Filing Reform Act. In the event you have any questions regarding the stated concerns, please feel free to contact the Department for further clarification.

The disapproved filing may be resubmitted within 120 days of the date of disapproval. If the Department does not hear from you within 120 days, the subject filing will be permanently closed. Such filings resubmitted after 120 days must be submitted as a new filing, inclusive of appropriate filing fees and disclosure of the closed filing SERFF tracking number.

Please furnish the following information to the Department.

- 1. Please provide a copy of the tables contained in this filing in an Excel workbook.
- 2. Please provide a table in an Excel spreadsheet (perhaps similar to Exhibit 3) which shows the historical and projected nationwide earned premium and incurred claims on a calendar year basis assuming no rate increase is granted. Please restate the historical and projected earned premium so that the business from inception appears to have all been earned at the current Pennsylvania rate level.
- 3. Of the 37 policies in force in PA, how many were issued after 9-15-2002?

Sincerely,

James Laverty, FSA, MAAA Actuary Bureau of Life, Accident and Health Insurance

Conclusion:

State: Pennsylvania Filing Company: United Security Assurance Company of

Pennsylvania

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

Product Name: PA 2020 TQLTC-97 Rate Increase

Project Name/Number: /

Sincerely, Jim Laverty

State: Pennsylvania Filing Company: United Security Assurance Company of Pennsylvania

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

Product Name: PA 2020 TQLTC-97 Rate Increase

Project Name/Number: /

Response Letter

Response Letter Status Submitted to State

Response Letter Date 09/28/2020 Submitted Date 09/28/2020

Dear Jim Laverty,

Introduction:

Response 1

Comments:

Please see response and files included under Supporting Documents

Changed Items:

Supporting Document Schedule Item Changes				
Satisfied - Item:	Response to 9-25-2020 Objection			
Comments:				
Attachment(s):	Objection Response 9-25-2020.pdf PA Exhibits 2020.xlsx PA Level Exhibit 3.xlsx			

No Form Schedule items changed.

No Rate/Rule Schedule items changed.

Conclusion:

Sincerely,

Gary Hulet

State: Pennsylvania Filing Company: United Security Assurance Company of Pennsylvania

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

Product Name: PA 2020 TQLTC-97 Rate Increase

Project Name/Number: /

Rate Information

Rate data applies to filing.

Filing Method: SERFF

Rate Change Type: Increase

Overall Percentage of Last Rate Revision: 20.000%

Effective Date of Last Rate Revision: 11/04/2019

Filing Method of Last Filing: USPA-132078586

SERFF Tracking Number of Last Filing:

Company Rate Information

Company Name:	Overall % Indicated Change:	Overall % Rate Impact:	Written Premium Change for this Program:	Number of Policy Holders Affected for this Program:	Written Premium for this Program:	Maximum % Change (where req'd):	Minimum % Change (where reg'd):
United Security Assurance Company of Pennsylvania	20.000%	20.000%	\$13,495	37	\$67,477	20.000%	20.000%

State: Pennsylvania Filing Company: United Security Assurance Company of Pennsylvania

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

Product Name: PA 2020 TQLTC-97 Rate Increase

Project Name/Number: /

Rate/Rule Schedule

Ite: No	Document Name	Affected Form Numbers (Separated with commas)	Rate Action	Rate Action Information	Attachments
1	Exhibit 12 Rates with 20% Increase	TQLTC-97, LTC-HHC/R, LTCIF5, LTC-SBO, WR-97	Revised	Previous State Filing Number: USPA-132078586 Percent Rate Change Request: 20	Exhibit 12 TQLTC-97 wRI 20%.pdf,

Exhibit 12
United Security Assurance Company of PA
Policy Form Series TQLTC-97-U
Rate Sheet
Annual Premiums Per \$10 of Daily Benefit
Hospitalization Not Required - Level Benefit

Standard Class - 0 Day Elimination Period

Issue			Benefit	Period		
Age	1 Yr	2 Yr	3 Yr	4 Yr	5 Yr	Life
18-59	32.83	53.57	65.66	74.30	82.94	129.60
60	39.74	65.66	77.76	86.40	95.04	136.51
61	43.20	69.12	81.22	89.86	100.22	139.97
62	44.93	72.58	84.67	95.04	103.68	141.70
63	50.11	79.49	95.04	107.14	117.50	153.79
64	55.30	88.13	105.41	119.23	129.60	165.89
65	60.48	95.04	115.78	131.33	143.42	177.98
66	65.66	103.68	126.14	143.42	155.52	191.81
67	70.85	112.32	136.51	155.52	169.34	203.90
68	81.22	127.87	155.52	177.98	195.26	233.28
69	91.58	143.42	174.53	198.72	219.46	262.66
70	100.22	160.70	193.54	219.46	245.38	293.76
71	110.59	176.26	212.54	241.92	271.30	323.14
72	120.96	193.54	229.82	262.66	297.22	354.24
73	139.97	219.46	266.11	302.40	336.96	402.62
74	157.25	247.10	300.67	342.14	378.43	452.74
75	172.80	274.75	335.23	381.89	419.90	501.12
76	190.08	300.67	371.52	421.63	459.65	551.23
77	207.36	328.32	406.08	461.38	501.12	599.62
78	231.55	366.34	451.01	513.22	559.87	668.74
79	255.74	404.35	495.94	566.78	618.62	737.86
80	279.94	442.37	540.86	620.35	675.65	806.98
81	304.13	480.38	585.79	673.92	734.40	876.10
82	328.32	518.40	632.45	725.76	793.15	945.22
83	368.06	578.88	701.57	810.43	884.74	1,054.08
84	404.35	637.63	772.42	893.38	976.32	1,162.94
85	442.37	698.11	841.54	978.05	1,069.63	1,271.81
86	480.38	756.86	912.38	1,062.72	1,161.22	1,380.67
87	518.40	817.34	981.50	1,145.66	1,252.80	1,489.54
88	547.78	862.27	1,036.80	1,214.78	1,315.01	1,562.11
89	577.15	907.20	1,090.37	1,282.18	1,377.22	1,632.96
90-94	658.37	1,040.26	1,254.53	1,486.08	1,565.57	1,848.96
95-99	711.94	1,135.30	1,378.94	1,665.79	1,689.98	1,995.84

Exhibit 12
United Security Assurance Company of PA
Policy Form Series TQLTC-97-U
Rider Form Series: LTCIF5-U Compound Inflation
Rate Sheet

Annual Premiums Per \$10 of Daily Benefit Hospitalization Not Required - Increasing Benefit Standard Class - 0 Day Elimination Period

Issue			Benefit	Period		
Age	1 Yr	2 Yr	3 Yr	4 Yr	5 Yr	Life
18-59	58.75	95.04	120.96	139.97	153.79	250.56
60	69.12	112.32	141.70	162.43	177.98	266.11
61	74.30	119.23	148.61	169.34	186.62	271.30
62	77.76	124.42	155.52	176.26	195.26	276.48
63	86.40	138.24	172.80	195.26	219.46	302.40
64	95.04	152.06	188.35	214.27	243.65	328.32
65	103.68	164.16	205.63	233.28	269.57	352.51
66	112.32	177.98	221.18	250.56	293.76	378.43
67	120.96	191.81	238.46	269.57	317.95	404.35
68	133.06	212.54	262.66	297.22	349.06	442.37
69	146.88	233.28	285.12	324.86	380.16	480.38
70	160.70	254.02	309.31	350.78	411.26	518.40
71	172.80	276.48	333.50	378.43	442.37	556.42
72	186.62	297.22	357.70	406.08	473.47	596.16
73	207.36	326.59	392.26	447.55	521.86	653.18
74	226.37	355.97	428.54	490.75	571.97	710.21
75	241.92	387.07	464.83	533.95	620.35	767.23
76	262.66	416.45	501.12	577.15	668.74	824.26
77	281.66	445.82	537.41	620.35	717.12	881.28
78	307.58	485.57	594.43	684.29	781.06	959.04
79	331.78	525.31	649.73	748.22	844.99	1,036.80
80	357.70	565.06	706.75	812.16	908.93	1,114.56
81	381.89	604.80	763.78	876.10	971.14	1,194.05
82	407.81	644.54	820.80	940.03	1,035.07	1,271.81
83	444.10	698.11	902.02	1,031.62	1,121.47	1,377.22
84	476.93	751.68	983.23	1,123.20	1,207.87	1,482.62
85	511.49	805.25	1,064.45	1,214.78	1,292.54	1,588.03
86	544.32	858.82	1,147.39	1,306.37	1,378.94	1,695.17
87	578.88	914.11	1,228.61	1,397.95	1,465.34	1,800.58
88	611.71	962.50	1,296.00	1,482.62	1,537.92	1,886.98
89	644.54	1,012.61	1,365.12	1,565.57	1,610.50	1,973.38
90-94	736.13	1,162.94	1,569.02	1,814.40	1,829.95	2,234.30
95-99	794.88	1,268.35	1,726.27	2,032.13	2,128.90	2,412.29

Exhibit 12
United Security Assurance Company of PA
Policy Form Series TQLTC-97-U
Rider Form Series: LTC-HHC/R-U Home Health Care

Rate Sheet

Annual Premiums: \$10 of Daily Long Term Care Benefit \$10 Daily Home Health Care Hospitalization Not Required - Level Benefit Standard Class - 0 Day Elimination Period

Issue			Benefit	Period		
Age	1 Yr	2 Yr	3 Yr	4 Yr	5 Yr	Life
18-59	46.66	76.03	95.04	110.59	119.23	174.53
60	55.30	89.86	110.59	127.87	138.24	186.62
61	58.75	95.04	115.78	133.06	143.42	190.08
62	62.21	100.22	122.69	139.97	150.34	193.54
63	70.85	112.32	138.24	157.25	169.34	219.46
64	77.76	124.42	153.79	174.53	188.35	243.65
65	86.40	136.51	169.34	191.81	209.09	267.84
66	93.31	148.61	184.90	209.09	228.10	293.76
67	101.95	160.70	200.45	226.37	247.10	319.68
68	115.78	183.17	224.64	255.74	279.94	361.15
69	127.87	203.90	250.56	285.12	311.04	400.90
70	141.70	226.37	276.48	314.50	343.87	442.37
71	155.52	247.10	300.67	343.87	376.70	483.84
72	169.34	269.57	326.59	373.25	409.54	525.31
73	193.54	305.86	374.98	430.27	471.74	603.07
74	216.00	340.42	423.36	485.57	533.95	679.10
75	236.74	376.70	473.47	542.59	596.16	756.86
76	259.20	411.26	521.86	599.62	658.37	832.90
77	283.39	447.55	570.24	656.64	720.58	910.66
78	319.68	504.58	637.63	734.40	806.98	1,017.79
79	352.51	559.87	706.75	812.16	891.65	1,126.66
80	390.53	615.17	774.14	889.92	978.05	1,233.79
81	425.09	672.19	843.26	967.68	1,062.72	1,340.93
82	461.38	729.22	910.66	1,045.44	1,149.12	1,449.79
83	520.13	819.07	1,019.52	1,169.86	1,285.63	1,622.59
84	577.15	910.66	1,128.38	1,294.27	1,422.14	1,793.66
85	635.90	1,002.24	1,237.25	1,418.69	1,558.66	1,966.46
86	692.93	1,092.10	1,346.11	1,541.38	1,695.17	2,137.54
87	751.68	1,183.68	1,454.98	1,665.79	1,829.95	2,308.61
88	793.15	1,247.62	1,534.46	1,764.29	1,921.54	2,419.20
89	836.35	1,315.01	1,619.14	1,867.97	2,016.58	2,534.98
90-94	953.86	1,508.54	1,859.33	2,163.46	2,287.87	2,866.75
95-99	1,007.42	1,605.31	1,999.30	2,367.36	2,414.02	3,030.91

Exhibit 12
United Security Assurance Company of PA

Policy Form Series TQLTC-97-U

Rider Form Series: LTCIF5-U Compound Inflation Rider Form Series: LTC-HHC/R-U Home Health Care

Rate Sheet

Annual Premiums: \$10 of Daily Long Term Care Benefit

\$10 Daily Home Health Care Benefit

Hospitalization Not Required - Increasing Benefit Standard Class - 0 Day Elimination Period

Issue			Benefit	Period		
Age	1 Yr	2 Yr	3 Yr	4 Yr	5 Yr	Life
18-59	81.22	131.33	172.80	203.90	224.64	338.69
60	96.77	157.25	202.18	236.74	259.20	361.15
61	101.95	165.89	212.54	247.10	271.30	368.06
62	107.14	172.80	222.91	259.20	281.66	374.98
63	120.96	193.54	247.10	285.12	317.95	426.82
64	133.06	214.27	271.30	311.04	354.24	478.66
65	146.88	233.28	297.22	338.69	390.53	530.50
66	158.98	254.02	321.41	364.61	426.82	582.34
67	172.80	274.75	345.60	392.26	463.10	632.45
68	190.08	302.40	376.70	428.54	501.12	682.56
69	207.36	330.05	409.54	464.83	539.14	732.67
70	224.64	357.70	440.64	501.12	577.15	782.78
71	241.92	385.34	471.74	539.14	615.17	832.90
72	259.20	412.99	504.58	575.42	653.18	883.01
73	286.85	452.74	554.69	635.90	729.22	974.59
74	311.04	490.75	603.07	698.11	803.52	1,064.45
75	333.50	530.50	653.18	758.59	879.55	1,156.03
76	359.42	570.24	703.30	820.80	953.86	1,247.62
77	383.62	608.26	751.68	881.28	1,029.89	1,337.47
78	423.36	667.01	838.08	976.32	1,123.20	1,460.16
79	457.92	727.49	922.75	1,069.63	1,218.24	1,582.85
80	497.66	786.24	1,009.15	1,162.94	1,311.55	1,703.81
81	533.95	844.99	1,093.82	1,256.26	1,406.59	1,826.50
82	571.97	903.74	1,178.50	1,349.57	1,499.90	1,949.18
83	627.26	986.69	1,306.37	1,486.08	1,629.50	2,115.07
84	677.38	1,069.63	1,432.51	1,620.86	1,759.10	2,282.69
85	730.94	1,150.85	1,558.66	1,757.38	1,886.98	2,448.58
86	782.78	1,233.79	1,686.53	1,892.16	2,016.58	2,616.19
87	834.62	1,316.74	1,812.67	2,026.94	2,146.18	2,782.08
88	883.01	1,387.58	1,912.90	2,147.90	2,253.31	2,916.86
89	929.66	1,460.16	2,014.85	2,268.86	2,358.72	3,051.65
90-94	1,060.99	1,676.16	2,315.52	2,630.02	2,680.13	3,454.27
95-99	1,145.66	1,826.50	2,547.07	2,946.24	3,119.04	3,729.02

Exhibit 12 United Security Assurance Company of PA Policy Form Series TQLTC-97-U Rider Form Series: LTC-HHC/R-U Home Health Care

Rate Sheet

Annual Premiums: \$10 of Daily Long Term Care Benefit \$5 Daily Home Health Care Benefit Hospitalization Not Required - Level Benefit

Standard Class - O Day Elimination Period

Issue	Benefit Period					
Age	1 Yr	2 Yr	3 Yr	4 Yr	5 Yr	Life
18-59	39.74	63.94	77.76	89.86	98.50	148.61
60	46.66	76.03	91.58	103.68	114.05	157.25
61	50.11	79.49	95.04	108.86	117.50	160.70
62	51.84	82.94	100.22	112.32	122.69	164.16
63	58.75	93.31	112.32	127.87	138.24	181.44
64	63.94	103.68	126.14	141.70	155.52	198.72
65	70.85	112.32	138.24	157.25	171.07	216.00
66	77.76	122.69	150.34	171.07	186.62	233.28
67	82.94	133.06	164.16	184.90	202.18	252.29
68	95.04	150.34	184.90	210.82	229.82	286.85
69	107.14	169.34	205.63	235.01	259.20	321.41
70	117.50	188.35	228.10	259.20	286.85	355.97
71	129.60	205.63	248.83	283.39	314.50	390.53
72	141.70	224.64	269.57	309.31	343.87	425.09
73	162.43	255.74	311.04	355.97	393.98	485.57
74	181.44	286.85	352.51	402.62	442.37	547.78
75	198.72	316.22	392.26	449.28	492.48	608.26
76	219.46	347.33	433.73	495.94	542.59	668.74
77	238.46	378.43	475.20	542.59	592.70	729.22
78	267.84	423.36	528.77	604.80	661.82	813.89
79	295.49	470.02	584.06	668.74	732.67	900.29
80	324.86	514.94	639.36	732.67	801.79	984.96
81	354.24	559.87	692.93	796.61	870.91	1,071.36
82	383.62	606.53	748.22	858.82	941.76	1,156.03
83	432.00	679.10	834.62	960.77	1,052.35	1,290.82
84	476.93	751.68	921.02	1,060.99	1,162.94	1,427.33
85	523.58	824.26	1,007.42	1,161.22	1,273.54	1,562.11
86	568.51	896.83	1,093.82	1,263.17	1,384.13	1,693.44
87	615.17	971.14	1,180.22	1,363.39	1,494.72	1,833.41
88	651.46	1,022.98	1,244.16	1,444.61	1,569.02	1,921.54
89	684.29	1,076.54	1,309.82	1,525.82	1,643.33	2,009.66
90-94	781.06	1,235.52	1,506.82	1,769.47	1,866.24	2,274.05
95-99	844.99	1,347.84	1,657.15	1,982.02	2,014.85	2,455.49

Exhibit 12
United Security Assurance Company of PA

Policy Form Series TQLTC-97-U

Rider Form Series: LTCIF5-U Compound Inflation Rider Form Series: LTC-HHC/R-U Home Health Care

Rate Sheet

Annual Premiums: $$10 ext{ of Daily Long Term Care Benefit}$

\$5 Daily Home Health Care Benefit

Hospitalization Not Required - Increasing Benefit Standard Class - 0 Day Elimination Period

Issue			Benefit	Period		
Age	1 Yr	2 Yr	3 Yr	4 Yr	5 Yr	Life
18-59	67.39	110.59	141.70	165.89	184.90	286.85
60	81.22	131.33	167.62	191.81	212.54	305.86
61	86.40	138.24	174.53	200.45	222.91	311.04
62	89.86	145.15	183.17	210.82	231.55	317.95
63	100.22	160.70	203.90	231.55	260.93	354.24
64	110.59	177.98	222.91	254.02	290.30	390.53
65	120.96	193.54	243.65	276.48	319.68	426.82
66	131.33	209.09	262.66	298.94	349.06	464.83
67	141.70	224.64	283.39	321.41	378.43	501.12
68	157.25	248.83	309.31	352.51	412.99	544.32
69	172.80	273.02	336.96	383.62	447.55	587.52
70	186.62	297.22	364.61	414.72	482.11	630.72
71	202.18	321.41	392.26	445.82	514.94	673.92
72	217.73	345.60	418.18	476.93	549.50	717.12
73	240.19	380.16	461.38	527.04	608.26	787.97
74	262.66	412.99	502.85	578.88	668.74	858.82
75	281.66	447.55	544.32	628.99	729.22	931.39
76	304.13	482.11	585.79	679.10	787.97	1,002.24
77	324.86	514.94	627.26	730.94	848.45	1,074.82
78	355.97	563.33	696.38	806.98	924.48	1,169.86
79	385.34	609.98	765.50	883.01	1,002.24	1,266.62
80	416.45	658.37	832.90	959.04	1,080.00	1,363.39
81	445.82	705.02	902.02	1,036.80	1,154.30	1,460.16
82	476.93	753.41	971.14	1,112.83	1,232.06	1,556.93
83	520.13	819.07	1,071.36	1,221.70	1,335.74	1,686.53
84	559.87	884.74	1,171.58	1,332.29	1,441.15	1,817.86
85	603.07	948.67	1,271.81	1,441.15	1,544.83	1,949.18
86	642.82	1,014.34	1,372.03	1,551.74	1,650.24	2,080.51
87	686.02	1,080.00	1,472.26	1,660.61	1,753.92	2,211.84
88	724.03	1,140.48	1,553.47	1,760.83	1,842.05	2,317.25
89	762.05	1,199.23	1,634.69	1,859.33	1,928.45	2,424.38
90-94	870.91	1,375.49	1,880.06	2,154.82	2,191.10	2,744.06
95-99	940.03	1,499.90	2,068.42	2,414.02	2,548.80	2,963.52

Exhibit 12
United Security Assurance Company of PA
Rider Form Series: LTC-SBO-U
Non-Forfeiture Shortened Benefit Period
Rate Sheet

	SBP % of
Issue	Base Prem +
Age	Other Riders
62 & Under	24.0%
63	24.0%
64	24.0%
65	24.0%
66	24.0%
67	24.0%
68	23.7%
69	23.4%
70	23.1%
71	22.8%
72	22.5%
73	22.0%
74	21.5%
75	21.0%
76	20.5%
77	20.0%
78	19.6%
79	19.2%
80	18.8%
81	18.4%
82	18.0%
83	17.8%
84	17.6%
85	17.4%
86	17.2%
87 & Over	17.0%

Exhibit 12

United Security Assurance Company of PA Policy Form Series LTC-97-U, TQLTC-97-U Rider Form Series: WR-97-U

Waiver of Premium and Restoration of Benefits Rider Annual Premium for \$100 of annual premium

Issue Age	<u>Premium</u>
18-99	\$5.00

The rider premium of \$5 per \$100 is applied to the annual premium for the base policy and any riders attached to the base policy, excluding non-forfeiture riders.

Exhibit 12

United Security Assurance Company of PA Policy Form Series TQLTC-97-U

Rider Form Series: LTC-HHC/R-U Home Health Care Rider Form Series: LTCIF5-U Compound Inflation Rider Form Series: WR-97-U Waiver of Premium/Restoration Rider Form Series: LTC-SBO-U Non-Forfeiture Option

RATE SCHEDULE

I. Other Rate Classifications

 Preferred/Standard
 =
 100%

 Class 1
 =
 140%

 Class 2
 =
 200%

II. <u>Husband and Wife Discount</u>

If the husband and wife are covered simultaneously, a 10% discount is applied to the insured with the higher premium.

III. <u>Policy Fee (One time):</u> \$ 25.00

IV. <u>Premium Paid Other Than Annual</u>

Semi-Annual	52.0%
Quarterly	26.5%
Monthly	9.0%
Monthly Bank Draft	8.5%

V. <u>Elimination Periods</u> <u>Discount</u>

20 Days	5%
100 Davs	15%

State: Pennsylvania Filing Company: United Security Assurance Company of Pennsylvania

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

Product Name: PA 2020 TQLTC-97 Rate Increase

Project Name/Number: /

Supporting Document Schedules

Satisfied - Item:	Transmittal Letter (A&H)
Comments:	
Attachment(s):	2020 PA TQLTC-97 Rate Increase Submission Letter.pdf
Item Status:	
Status Date:	
B	
Bypassed - Item:	Actuarial Certification (A&H)
Bypass Reason:	N/A
Attachment(s):	
Item Status:	
Status Date:	
Satisfied - Item:	Actuarial Memorandum and Explanatory Information (A&H)
Comments:	Actualia Memorandum and Explanatory Information (Adm)
	TOLTO 07 DA Evhibita 2000 ndf
Attachment(s):	TQLTC-97 PA Exhibits 2020.pdf USA 2020 PA Rate Increase Memo Form TQLTC-97.pdf
Item Status:	
Status Date:	
Domas and Harry	A.L. article and the (A.O.L.)
Bypassed - Item:	Advertisements (A&H)
Bypass Reason:	N/A
Attachment(s):	
Item Status:	
Status Date:	
Bypassed - Item:	Authorization to File (A&H)
Bypass Reason:	N/A
Attachment(s):	
Item Status:	
Status Date:	
Bypassed - Item:	Insert Page Explanation (A&H)
Bypass Reason:	N/A
Attachment(s):	
Item Status:	

ERFF Tracking #:	USPA-132537056	State Tracking #:	USPA-132537056	Company Tracking #:	PA 2020 TQLTC-97 RATE INCREASE
tate:	Pennsylvania			Company: United Security	Assurance Company of Pennsylvania
OI/Sub-TOI:		al Long Term Care/LTC03I.0	001 Qualified		
oduct Name:	PA 2020 TQLTO	C-97 Rate Increase			
oject Name/Number:	/				
tatus Date:					
ypassed - Item:	F	Rate Table (A&H)			
ypass Reason:	S	See rate tab for revised	rates. Not new forms		
ttachment(s):					
em Status:					
tatus Date:					
ypassed - Item:	F	Replacement Form with	Highlighted Changes (A	&H)	
ypass Reason:	N	N/A			
ttachment(s):					
em Status:					
tatus Date:					
ypassed - Item:	P	Advertisement Complian	nce Certification		
ypass Reason:	N	N/A			
ttachment(s):					
em Status:					
tatus Date:					
ypassed - Item:	F	Reserve Calculation (A	&H)		
ypass Reason:	N	N/A			
ttachment(s):					
em Status:					
tatus Date:					
ypassed - Item:	V	/ariability Explanation (A&H)		
ypass Reason:		No variables			
ttachment(s):					
em Status:					
tatus Date:					
atisfied - Item:	F	Policyholder Rate Increa	ase Notification Letter		
omments:					
ttachment(s):	F	PA policyholder notifica	tion Letter.pdf		
em Status:		· •	•		

State: Pennsylvania Filing Company: United Security Assurance Company of Pennsylvania

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

Product Name: PA 2020 TQLTC-97 Rate Increase

Project Name/Number:

Satisfied - Item:	Response to 9-25-2020 Objection
Comments:	
Attachment(s):	Objection Response 9-25-2020.pdf PA Exhibits 2020.xlsx PA Level Exhibit 3.xlsx
Item Status:	
Status Date:	

State: Pennsylvania Filing Company: United Security Assurance Company of Pennsylvania

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

Product Name: PA 2020 TQLTC-97 Rate Increase

Project Name/Number: /

Attachment PA Exhibits 2020.xlsx is not a PDF document and cannot be reproduced here.

Attachment PA Level Exhibit 3.xlsx is not a PDF document and cannot be reproduced here.

United Security Assurance Company of Pennsylvania

673 East Cherry Lane, P.O. Box 64477, Souderton, Pennsylvania 18964 (800) 872-3044

September 25, 2020

Jessica Altman, Commissioner Pennsylvania Insurance Department 1326 Strawberry Square Harrisburg, PA 17120

RE: United Security Assurance Company of Pennsylvania – NAIC # 42129

Rate Increase Request for Long Term Care Policy Form TQLTC-97(PA)-U

Dear Commissioner Altman:

United Security Assurance Company of Pennsylvania is requesting a rate increase for the block of long-term care insurance issued from 1997 through 2013. This is a closed block of business as these forms are no longer offered in any jurisdiction.

The Policy Form is TQLTC-97(PA)-U and Rider Forms LTC-HHC/R-U, LTCIF5-U, LTC-SBO-U, WR-97.

We are filing the proposed rates, as well as an actuarial memorandum with exhibits outlining the rationale for the requested rate increase.

Thank you for your consideration of this filing. Please do not hesitate to contact me at the number listed below if I can be of any assistance during your review.

Sincerely,

Martha Stephens

Vice President, Operations

Phone: (215) 723-3044, ext. 124 E-Mail: mstephens@usa-cal.com

Martha Stephens

Exhibit 1 United Security Assurance Company of PA Forms LTC-97 and TQLTC-97 Nationwide (as of 12/31/2019)

Model Issue Age	Policy Count	Annual Premium	Percent of AP
< 55	28	44,434	4.15%
55-59	55	82,379	7.68%
60-64	127	215,172	20.07%
65-69	145	266,760	24.89%
70-74	111	245,596	22.91%
75-79	53	145,533	13.58%
<u>> 80</u>	22	72,082	<u>6.72%</u>
Total	541	1,071,957	66.6 avg age
Attained Age	Policy Count	Annual Premium	Percent of AP
< 50	1	1,232	0.11%
50-59	1	1,377	0.13%
60-69	30	52,388	4.89%
70-79	163	279,980	26.12%
80-89	285	577,511	53.87%
90-99	59	155,518	14.51%
<u>> 99</u>	2	3,952	0.00%
Total	541	1,071,957	81.9 avg age
Benefit Period	Policy Count	Annual Premium	Percent of AP
1 Year	37	36,139	3.37%
2 Year	145	235,038	21.93%
3 Year	191	403,392	37.63%
4 Year	51	121,106	11.30%
5 Year	85	216,142	20.16%
<u>Lifetime</u>	32	60,141	<u>5.61%</u>
Total	541	1,071,957	8.7 avg BP
Elimination Period	Policy Count	Annual Premium	Percent of AP
0 Days	139	247,448	23.08%
20 Days	98	189,229	17.65%
<u>100 Days</u>	304	635,280	<u>59.26%</u>
Total	541	1,071,957	59.8 avg EP
Inflation Option	Policy Count	<u>Annual Premium</u>	Percent of AP
None	355	653,500	60.96%
5% Compound (20 years)	130	294,554	27.48%
5% Compound (lifetime)	<u>56</u>	123,904	<u>11.56%</u>
Total	541	1,071,957	
HHC Benefit	Policy Count	<u>Annual Premium</u>	Percent of AP
No	520	1,071,101	99.92%
<u>Yes</u>	21	856	0.08%
Total	541	1,071,957	

Exhibit 1 United Security Assurance Company of PA Forms LTC-97 and TQLTC-97 Nationwide (as of 12/31/2019)

Current Daily Benefit	Policy Count	Annual Premium	Percent of AP	
< 50	22	26,940	2.51%	
50-59	54	78,082	7.28%	
60-69	17	20,802	1.94%	
70-79	36	60,646	5.66%	
80-89	51	106,611	9.95%	
90-99	23	41,643	3.88%	
100-109	214	448,893	41.88%	
110-119	17	28,948	2.70%	
120-129	35	71,274	6.65%	
130-139	11	35,986	3.36%	
140-149	5	16,785	1.57%	
150-159	38	111,410	10.39%	
160-169	-	-	0.00%	
170-179	2	4,500	0.42%	
180-189	8	11,302	1.05%	
190-199	-	-	0.00%	
200-209	6	5,698	0.53%	
250-259	2	2,437	0.23%	
<u>> 259</u>	-	-	0.00%	
Total	541	1,071,957	93.4	avg DB
Policy Form	Policy Count	Annual Premium	Percent of AP	
LTC-97	269	305,469	28.50%	
TQLTC-97	272	447,082	41.71%	
LTCIF	-	153,485	14.32%	
LTCHHC	-	856	0.08%	
LTRI	-	62,346	5.82%	
WR	-	30,773	2.87%	
TQRI	-	69,789	6.51%	
<u>TQWR</u>	-	2,159	0.20%	
Total	541	1,071,957		
<u>UWC</u>	Policy Count	Annual Premium	Percent of AP	
Preferred	165	256,756	23.95%	
Standard	2	5,130	0.48%	
Class 1	179	377,492	35.22%	
Class 2	195	432,580	40.35%	
Total	541	1,071,957		
Claim Incurred Age	Policy Count		<u>Percent</u>	
< 60	-		0.00%	
60-69	1		0.92%	
70-79	11		10.09%	
80-89	70		64.22%	
90-99	26		23.85%	
<u>> 99</u>	1		0.92%	
Total	109	Incurred Age Avg=	86.3	
		8 8		

Page 2 of 2

Exhibit 1A United Security Assurance Company of PA Form TQLTC-97-U

Pennsylvania (as of 12/31/2019)

Model Issue Age	Policy Count	Annual Premium	Percent of AP	
< 55	2	3,790	5.62%	
55-59	3	3,636	5.39%	
60-64	6	12,366	18.33%	
65-69	11	19,469	28.85%	
70-74	11	22,277	33.02%	
75-79	3	5,938	8.80%	
<u>> 80</u>	1	-	0.00%	
Total	37	67,477	67.3	avg age
Attained Age	Policy Count	<u>Annual Premium</u>	Percent of AP	
< 50	-	-	0.00%	
50-59	-	-	0.00%	
60-69	2	2,313	3.43%	
70-79	7	13,158	19.50%	
80-89	24	46,067	68.27%	
90-99	3	5,938	8.80%	
<u>> 99</u>	1	_	0.00%	
Total	37	67,477	83.7	avg age
Benefit Period	Policy Count	Annual Premium	Percent of AP	
1 Year	7	5,228	7.75%	
2 Year	13	23,602	34.98%	
3 Year	13	30,812	45.66%	
4 Year	2	5,387	7.98%	
5 Year	2	2,448	3.63%	
<u>Lifetime</u>		_ _	0.00%	
Total	37	67,477	2.4	avg BP
Elimination Period	Policy Count	Annual Premium	Percent of AP	
0 Days	20	26,362	39.07%	
20 Days	2	3,356	4.97%	
<u>100 Days</u>	15	37,758	<u>55.96%</u>	
Total	37	67,477	41.6	avg EP
Inflation Option	Policy Count	Annual Premium	Percent of AP	
None	21	31,221	46.29%	
5% Compound (20 years)	16	36,225	53.71%	
5% Compound (lifetime)			0.00%	
Total	37	67,447		
HHC Benefit	Policy Count	Annual Premium	Percent of AP	
No	15	14,852	100.00%	
<u>Yes</u>	22	52,624	0.00%	
Total	37	67,477		

Exhibit 1A United Security Assurance Company of PA Form TQLTC-97-U Pennsylvania (as of 12/31/2019)

Current Daily Benefit	Policy Count	Annual Premium	Percent of AP	
< 50	1	1,837	2.72%	
50-59	1	774	1.15%	
60-69	2	1,029	1.53%	
70-79	1	4,102	6.08%	
80-89	-	-	0.00%	
90-99	1	1,600	2.37%	
100-109	18	30,553	45.28%	
110-119	5	4,813	7.13%	
120-129	1	1,477	2.19%	
130-139	1	5,241	7.77%	
140-149	1	3,455	5.12%	
150-159	3	6,691	9.92%	
160-169	-	-	0.00%	
170-179	-	-	0.00%	
180-189	2	5,905	8.75%	
190-199	-	-	0.00%	
200-209	-	-	0.00%	
250-259	-	-	0.00%	
> 259	-	-	0.00%	
Total	37	67,477	106.8 avg D	В
Policy Form	Policy Count	Annual Premium	Percent of AP	
LTC-97		<u> </u>	0.00%	
TQLTC-97	27	40.010		
IQLIC-37	37	40,819	60.49%	
LTCIF	- -	40,819 10,697	60.49% 15.85%	
	- -	10,697	15.85%	
LTCIF	- - -		15.85% 1.04%	
LTCIF LTCHHC	- - -	10,697	15.85% 1.04% 0.00%	
LTCIF LTCHHC LTRI WR	- - - -	10,697 699 - -	15.85% 1.04% 0.00% 0.00%	
LTCIF LTCHHC LTRI WR TQRI	- - - - -	10,697 699 - - - 12,765	15.85% 1.04% 0.00% 0.00% 18.92%	
LTCIF LTCHHC LTRI WR	- - - - - - - 37	10,697 699 - -	15.85% 1.04% 0.00% 0.00%	
LTCIF LTCHHC LTRI WR TQRI TQWR	- - - -	10,697 699 - - 12,765 	15.85% 1.04% 0.00% 0.00% 18.92%	
LTCIF LTCHHC LTRI WR TQRI TQWR Total	- - - - - - 37	10,697 699 - - 12,765 	15.85% 1.04% 0.00% 0.00% 18.92% <u>0.00%</u>	
LTCIF LTCHHC LTRI WR TQRI TQWR Total	- - - - - - 37	10,697 699 - - 12,765 2,497 67,477 Annual Premium	15.85% 1.04% 0.00% 0.00% 18.92% 0.00%	
LTCIF LTCHHC LTRI WR TQRI TQWR Total UWC Preferred	- - - - - - 37	10,697 699 - - 12,765 2,497 67,477 Annual Premium	15.85% 1.04% 0.00% 0.00% 18.92% <u>0.00%</u> Percent of AP 38.61%	
LTCIF LTCHHC LTRI WR TQRI TQWR Total UWC Preferred Standard	- - - - - 37 Policy Count 17	10,697 699 - - 12,765 2,497 67,477 Annual Premium 26,051	15.85% 1.04% 0.00% 0.00% 18.92% <u>0.00%</u> Percent of AP 38.61% 0.00%	
LTCIF LTCHHC LTRI WR TQRI TQWR Total UWC Preferred Standard Class 1	- - - - - 37 Policy Count 17 - 10	10,697 699 - - 12,765 2,497 67,477 Annual Premium 26,051 - 18,533	15.85% 1.04% 0.00% 0.00% 18.92% <u>0.00%</u> Percent of AP 38.61% 0.00% 27.47%	
LTCIF LTCHHC LTRI WR TQRI TQWR Total UWC Preferred Standard Class 1 Class 2 Total	- - - - 37 Policy Count 17 - 10	10,697 699 - - 12,765 2,497 67,477 Annual Premium 26,051 - 18,533 22,893	15.85% 1.04% 0.00% 0.00% 18.92% <u>0.00%</u> Percent of AP 38.61% 0.00% 27.47% <u>33.93%</u>	
LTCIF LTCHHC LTRI WR TQRI TQWR Total UWC Preferred Standard Class 1 Class 2	- - - - - 37 Policy Count 17 - 10 10 37	10,697 699 - - 12,765 2,497 67,477 Annual Premium 26,051 - 18,533 22,893	15.85% 1.04% 0.00% 0.00% 18.92% <u>0.00%</u> Percent of AP 38.61% 0.00% 27.47%	
LTCIF LTCHHC LTRI WR TQRI TQWR Total UWC Preferred Standard Class 1 Class 2 Total Incurred Age	- - - - - 37 Policy Count 17 - 10 10 37	10,697 699 - - 12,765 2,497 67,477 Annual Premium 26,051 - 18,533 22,893	15.85% 1.04% 0.00% 0.00% 18.92% 0.00% Percent of AP 38.61% 0.00% 27.47% 33.93% Percent	
LTCIF LTCHHC LTRI WR TQRI TQWR Total UWC Preferred Standard Class 1 Class 2 Total Incurred Age < 60		10,697 699 - - 12,765 2,497 67,477 Annual Premium 26,051 - 18,533 22,893	15.85% 1.04% 0.00% 0.00% 18.92% 0.00% Percent of AP 38.61% 0.00% 27.47% 33.93% Percent 0.00% 10.00%	
LTCIF LTCHHC LTRI WR TQRI TQWR Total UWC Preferred Standard Class 1 Class 2 Total Incurred Age < 60 60-69	- - - - - 37 Policy Count 17 - 10 10 37 Policy Count - 1	10,697 699 - - 12,765 2,497 67,477 Annual Premium 26,051 - 18,533 22,893	15.85% 1.04% 0.00% 0.00% 18.92% 0.00% Percent of AP 38.61% 0.00% 27.47% 33.93% Percent 0.00% 10.00% 20.00%	
LTCIF LTCHHC LTRI WR TQRI TQWR Total UWC Preferred Standard Class 1 Class 2 Total Incurred Age < 60 60-69 70-79		10,697 699 - - 12,765 2,497 67,477 Annual Premium 26,051 - 18,533 22,893	15.85% 1.04% 0.00% 0.00% 18.92% 0.00% Percent of AP 38.61% 0.00% 27.47% 33.93% Percent 0.00% 10.00%	
LTCIF LTCHHC LTRI WR TQRI TQWR Total UWC Preferred Standard Class 1 Class 2 Total Incurred Age < 60 60-69 70-79 80-89 90-99		10,697 699 - - 12,765 2,497 67,477 Annual Premium 26,051 - 18,533 22,893	15.85% 1.04% 0.00% 0.00% 18.92% 0.00% Percent of AP 38.61% 0.00% 27.47% 33.93% Percent 0.00% 10.00% 20.00% 50.00%	
LTCIF LTCHHC LTRI WR TQRI TQWR Total UWC Preferred Standard Class 1 Class 2 Total Incurred Age < 60 60-69 70-79 80-89		10,697 699 - - 12,765 2,497 67,477 Annual Premium 26,051 - 18,533 22,893	15.85% 1.04% 0.00% 0.00% 18.92% 0.00% Percent of AP 38.61% 0.00% 27.47% 33.93% Percent 0.00% 10.00% 20.00% 50.00%	

9/24/2020 Original Pricing Projection

Exhibit 2A

Unted Security Assurance Company of PA
Projection of Premiums, Claims
Policy Form Series: TQLTC-97-U
With Riders: LTCIF5-U Compound Inflation
LTC-HHC/R-U Home Health Care and
LTC-SBO Non-Forfeiture Option and
LTC-SBO Non-Forfeiture Option
Issue Age: Composite
Benefit Period: Composite

Interest Rate: 5.0%

Exhibit 2B

Unted Security Assurance Company of PA
Projection of Premiums, Claims
Policy Form Series: TQLTC-97-U
Rider: WR-97-U Waiver of Prem/Restoration

Issue Age: Composite Benefit Period: Composite

Interest Rate: 5.0%

•	PROJ	PROJ	LOSS			PROJ	PROJ	LOSS
YEAR	PREM	CLAIMS	RATIO		YEAR	PREM	CLAIMS	RATIO
1	1,545.88	345.37	22.3%	-	1	1,336.07	336.64	25.2%
2	1,120.11	339.49	30.3%		2	966.82	326.25	33.7%
3	852.25	341.67	40.1%		3	734.47	318.82	43.4%
4	670.47	353.85	52.8%		4	576.93	325.45	56.4%
5	544.62	355.10	65.2%		5	467.96	322.37	68.9%
6	461.62	339.53	73.6%		6	396.12	304.91	77.0%
7	393.71	332.08	84.3%		7	337.34	293.63	87.0%
8	333.85	319.23	95.6%		8	285.59	277.78	97.3%
9	281.38	317.64	112.9%		9	240.26	271.81	113.1%
10	235.66	300.19	127.4%		10	200.83	252.20	125.6%
11	196.10	285.08	145.4%		11	166.76	236.54	141.8%
12	162.08	263.77	162.7%		12	137.53	214.64	156.1%
13	133.04	241.40	181.4%		13	112.62	192.57	171.0%
14	108.39	224.17	206.8%		14	91.53	175.34	191.6%
15	87.62	202.28	230.9%		15	73.81	154.88	209.8%
16	70.29	184.54	262.5%		16	59.06	139.11	235.5%
17	55.94	161.71	289.1%		17	46.88	119.20	254.3%
18	44.15	140.40	318.0%		18	36.90	101.17	274.2%
19	34.54	121.93	353.0%		19	28.78	85.94	298.6%
20	26.76	104.21	389.4%		20	22.23	71.68	322.4%
21	20.54	89.73	436.9%		21	17.01	60.44	355.3%
22	15.63	73.01	467.1%		22	12.90	49.15	381.0%
23	11.77	58.81	499.7%		23	9.69	39.56	408.3%
24	8.77	46.84	534.1%		24	7.20	31.55	438.2%
25	6.46	36.85	570.4%		25	5.28	24.80	469.7%
26	4.71	28.93	614.2%		26	3.84	19.49	507.6%
27	3.39	22.22	655.5%		27	2.76	14.96	542.0%
28	2.42	16.88	697.5%		28	1.96	11.36	579.6%
29	1.70	12.63	742.9%		29	1.37	8.51	621.2%
30	1.18	9.30	788.1%		30	0.95	6.26	658.9%
31	0.81	6.75	833.3%		31	0.65	4.54	698.5%
32	0.54	4.82	892.6%		32	0.43	3.24	753.5%
33	0.36	3.44	955.6%		33	0.29	2.31	796.6%
34	0.24	2.40	1000.0%		34	0.19	1.62	852.6%
35	0.15	1.65	1100.0%		35	0.12	1.11	925.0%
36	0.10	1.11	1110.0%		36	0.08	0.75	937.5%
37	0.06	0.71	1183.3%		37	0.05	0.47	940.0%
38	0.04	0.47	1175.0%		38	0.03	0.31	1033.3%
39	0.02	0.30	1500.0%		39	0.02	0.20	1000.0%
40	0.01	0.18	1800.0%		40	0.01	0.12	1200.0%
Totals	7,437.36	5,690.67	76.5%		Totals	6,383.32	4,801.68	75.2%
PV@5%	5,875.30	3,678.61	62.6%		<u>PV@5%</u>	5,050.81	3,195.67	63.3%

9/24/2020 Original Pricing Projection

Exhibit 2C Unted Security Assurance Company of PA Projection of Premiums, Claims Policy Form Series: TQLTC-97-U

Level Benefit

Issue Age: Composite Benefit Period: Composite Interest Rate: 5.0%

Exhibit 2D Unted Security Assurance Company of PA

Projection of Premiums, Claims
Policy Form Series: TQLTC-97-U
With Rider: LTCIF5-U Compound Inflation

With Inflation Issue Age: Composite Benefit Period: Composite Interest Rate: 5.0%

	PROJ	PROJ	LOSS			PROJ	PROJ	LOSS
YEAR	PREM	CLAIMS	RATIO		YEAR	PREM	CLAIMS	RATIO
1	1,272.45	317.30	24.9%	_	1	1,789.53	317.30	17.7%
2	920.78	307.29	33.4%		2	1,300.71	322.66	24.8%
3	699.50	300.01	42.9%		3	992.52	330.76	33.3%
4	549.46	306.32	55.7%		4	783.17	354.60	45.3%
5	445.67	303.27	68.0%		5	638.16	368.62	57.8%
6	377.25	286.72	76.0%		6	542.68	365.93	67.4%
7	321.28	275.92	85.9%		7	464.36	369.76	79.6%
8	271.99	260.77	95.9%		8	395.08	366.94	92.9%
9	228.82	255.11	111.5%		9	334.11	376.92	112.8%
10	191.26	236.57	123.7%		10	280.78	366.99	130.7%
11	158.82	221.86	139.7%		11	234.46	361.39	154.1%
12	130.98	201.22	153.6%		12	194.47	344.16	177.0%
13	107.26	180.40	168.2%		13	160.20	323.98	202.2%
14	87.17	164.05	188.2%		14	131.00	309.34	236.1%
15	70.30	144.88	206.1%		15	106.31	286.85	269.8%
16	56.25	130.18	231.4%		16	85.61	270.64	316.1%
17	44.64	111.55	249.9%		17	68.39	243.50	356.0%
18	35.14	94.65	269.4%		18	54.20	216.94	400.3%
19	27.41	80.25	292.8%		19	42.56	193.14	453.8%
20	21.17	66.95	316.2%		20	33.11	169.18	511.0%
21	16.20	56.49	348.7%		21	25.53	149.88	587.1%
22	12.29	45.96	374.0%		22	19.50	121.94	625.3%
23	9.23	37.02	401.1%		23	14.75	98.19	665.7%
24	6.85	29.45	429.9%		24	11.04	78.14	707.8%
25	5.03	23.16	460.4%		25	8.17	61.46	752.3%
26	3.65	18.22	499.2%		26	5.98	48.35	808.5%
27	2.62	14.00	534.4%		27	4.33	37.15	858.0%
28	1.86	10.63	571.5%		28	3.10	28.22	910.3%
29	1.31	7.95	606.9%		29	2.19	21.10	963.5%
30	0.90	5.86	651.1%		30	1.52	15.54	1022.4%
31	0.62	4.25	685.5%		31	1.05	11.28	1074.3%
32	0.41	3.04	741.5%		32	0.71	8.06	1135.2%
33	0.27	2.17	803.7%		33	0.47	5.75	1223.4%
34	0.18	1.51	838.9%		34	0.31	4.02	1296.8%
35	0.12	1.04	866.7%		35	0.20	2.76	1380.0%
36	0.07	0.70	1000.0%		36	0.13	1.86	1430.8%
37	0.05	0.44	880.0%		37	0.08	1.18	1475.0%
38	0.03	0.29	966.7%		38	0.05	0.78	1560.0%
39	0.02	0.19	950.0%		39	0.03	0.50	1666.7%
40	0.01	0.12	1200.0%		40	0.02	0.31	1550.0%
Totals	6,079.32	4,507.76	74.1%	٦	Γotals	8,730.57	6,956.07	79.7%
<u>PV@5%</u>	4,810.28	3,002.18	62.4%	<u> </u>	PV@5%	6,876.06	4,259.77	62.0%

9/24/2020 Original Pricing Projection

Exhibit 2E Unted Security Assurance Company of PA Projection of Premiums, Claims Policy Form Series: TQLTC-97-U With Rider: LTC-HHC/R-U Home Health Care Level Benefit

Issue Age: Composite Benefit Period: Composite

Interest Rate: 5.0%

Exhibit 2F Unted Security Assurance Company of PA Projection of Premiums, Claims Policy Form Series: TQLTC-97-U Rider: LTC-SBO-U Non-Forfeiture Option Level Benefit

Issue Age: Composite Benefit Period: Composite Interest Rate: 5.0%

	PROJ	PROJ	LOSS		PROJ	PROJ	LOSS
YEAR	PREM	CLAIMS	RATIO	YEAR	PREM	CLAIMS	RATIO
1	1,805.62	452.18	25.0%	1	348.81	-	0.0%
2	1,306.04	439.34	33.6%	2	248.31	-	0.0%
3	991.78	430.29	43.4%	3	192.30	170.07	88.4%
4	778.77	441.12	56.6%	4	151.90	156.78	103.2%
5	631.47	438.21	69.4%	5	122.29	125.56	102.7%
6	534.37	410.58	76.8%	6	100.29	101.45	101.2%
7	454.97	396.55	87.2%	7	83.66	86.26	103.1%
8	385.09	376.11	97.7%	8	70.16	73.26	104.4%
9	323.92	369.26	114.0%	9	59.13	58.72	99.3%
10	270.72	343.56	126.9%	10	50.05	57.24	114.4%
11	224.78	315.96	140.6%	11	42.54	51.63	121.4%
12	185.37	287.54	155.1%	12	35.92	47.94	133.5%
13	151.81	258.69	170.4%	13	30.13	44.28	147.0%
14	123.40	236.13	191.4%	14	25.09	39.17	156.1%
15	99.52	209.29	210.3%	15	20.74	35.00	168.8%
16	79.65	183.85	230.8%	16	17.01	30.75	180.8%
17	63.24	157.90	249.7%	17	13.85	27.00	194.9%
18	49.80	134.31	269.7%	18	11.18	22.78	203.8%
19	38.85	114.22	294.0%	19	8.95	19.66	219.7%
20	30.03	95.58	318.3%	20	7.09	16.60	234.1%
21	23.00	79.32	344.9%	21	5.58	13.87	248.6%
22	17.45	64.60	370.2%	22	4.34	11.22	258.5%
23	13.11	52.08	397.3%	23	3.35	9.40	280.6%
24	9.75	41.51	425.7%	24	2.56	7.68	300.0%
25	7.16	32.70	456.7%	25	1.93	5.99	310.4%
26	5.21	25.49	489.3%	26	1.44	4.81	334.0%
27	3.74	19.59	523.8%	27	1.06	3.67	346.2%
28	2.66	14.88	559.4%	28	0.78	2.85	365.4%
29	1.87	11.13	595.2%	29	0.56	2.18	389.3%
30	1.29	8.20	635.7%	30	0.40	1.62	405.0%
31	0.88	5.95	676.1%	31	0.28	1.17	417.9%
32	0.59	4.25	720.3%	32	0.19	0.86	452.6%
33	0.39	3.03	776.9%	33	0.13	0.62	476.9%
34	0.26	2.12	815.4%	34	0.09	0.43	483.0%
35	0.17	1.46	858.8%	35	0.06	0.30	500.0%
36	0.10	0.98	980.0%	36	0.04	0.20	526.3%
37	0.06	0.62	1033.3%	37	0.02	0.13	546.9%
38	0.04	0.41	1025.0%	38	0.02	0.09	558.2%
39	0.02	0.26	1300.0%	39	0.01	0.06	604.0%
40	0.01	0.16	1600.0%	40	0.01	0.03	620.0%
Totals	8,616.96	6,459.41	75.0%	Totals	1,662.24	1,231.34	74.1%
PV@5%	6,819.05	4,305.66	63.1%	PV@5%	1,310.37	820.99	62.7%

Exhibit 3
United Security Assurance Company of PA
Forms LTC-97 and TQLTC-97
Nationwide Experience -No Rate Increase

	Cash	Earned	Paid	Incurred	Loss
<u>Year</u>	Premium	Premium	Claims	Claims	Ratio
1998	38,310	39,100		-	0.0%
1999	429,999	438,856	1,100	1,168	0.3%
2000	1,033,582	1,054,873	48,833	62,216	5.9%
2001	1,278,349	1,304,681	148,262	191,079	14.6%
2002	1,510,423	1,541,535	319,055	397,076	25.8%
2003	1,792,794	1,829,723	560,686	676,257	37.0%
2004	2,312,117	2,359,743	574,094	887,575	37.6%
2005	2,521,747	2,573,692	803,420	1,008,051	39.2%
2006	2,571,997	2,624,976	869,398	1,329,660	50.7%
2007	2,539,734	2,592,049	1,035,520	1,326,672	51.2%
2008	2,426,809	2,476,797	1,001,799	1,307,208	52.8%
2009	2,286,606	2,333,706	1,068,293	1,820,057	78.0%
2010	2,145,542	2,189,737	1,339,372	1,707,776	78.0%
2011	2,164,460	2,144,448	1,373,000	1,275,303	59.5%
2012	2,038,188	2,063,429	1,307,230	1,010,461	49.0%
2013	1,834,082	1,886,923 1,665,024	1,218,242	2,135,997	113.2%
2014	1,641,790		1,249,045	1,601,753	96.2%
2015 2016	1,466,750 1,307,603	1,554,263 1,348,678	1,256,277 1,739,223	2,415,966 1,905,414	155.4% 141.3%
2017	1,140,398	1,169,311	1,746,930	1,278,132	109.3%
2017	1,055,522	1,079,694	1,551,598	1,451,459	134.4%
2019	961,929	983,958	1,533,239	1,233,638	125.4%
			1,333,233	35,944,415	
Cumulative @ 4	.33%	60,183,057		, ,	59.7%
2020		873,351		1,240,310	142.0%
2021		771,549 679,271		1,263,838	163.8%
2022		678,371		1,275,958	188.1%
2023 2024		593,587 516,908		1,245,542 1,206,464	209.8% 233.4%
2025		448,024		1,153,841	257.5%
2026		386,652		1,096,356	283.6%
2027		332,167		1,037,642	312.4%
2028		284,100		973,286	342.6%
2029		241,944		911,842	376.9%
2030		205,191		842,290	410.5%
2031		173,319		775,899	447.7%
2032		145,802		708,103	485.7%
2033		122,165		641,586	525.2%
2034		101,967		583,564	572.3%
2035		84,792		521,634	615.2%
2036		70,251		461,871	657.5%
2037		57,988		408,737	704.9%
2038		47,697		360,743	756.3%
2039		39,099		314,574	804.6%
2040		31,950		273,572	856.2%
2041		26,029		235,728	905.6%
2042		21,143		201,240	951.8%
2043		17,131		170,855	997.3%
2044		13,855		143,902	1038.6%
2045		11,191		121,719	1087.6%
2046		9,036		101,285	1120.9%
2047		7,297		83,470	1143.9%
2048		5,900		68,107	1154.4%
2049		4,782		54,331	1136.2%
2050		3,892		44,357	1139.8%
2051 2052		3,184 2,624		35,535 28,152	1115.9% 1073.0%
	4.050/	•		•	
PV of Future @	4.35%	4,918,631		12,787,991	260.0%
Total		65,101,689		48,732,407	74.9%

Exhibit 3A
United Security Assurance Company of PA
Form TQLTC-97-U
Pennsylvania Experience - Current Expectation - No Rate Increase

	Cash	Earned	Paid	Incurred	Loss
<u>Year</u>	<u>Premium</u>	<u>Premium</u>	<u>Claims</u>	<u>Claims</u>	<u>Ratio</u>
1998	1,803	1,830	-	-	0.0%
1999	77,058	78,214	-	-	0.0%
2000	170,372	172,928	-	-	0.0%
2001	234,936	238,460	1,050	1,050	0.4%
2002	269,654	273,699	62,440	75,507	27.6%
2003	270,928	274,992	203,800	236,145	85.9%
2004	304,245	308,809	122,743	137,430	44.5%
2005	322,545	327,383	123,940	144,561	44.2%
2006	293,600	298,004	62,890	87,386	29.3%
2007	266,341	270,336	100,478	116,741	43.2%
2008	255,072	258,898	79,237	95,163	36.8%
2009	235,044	238,569	95,718	143,204	60.0%
2010	199,028	202,014	134,159	220,534	109.2%
2011	176,370	179,015	190,176	133,279	74.5%
2012	169,364	171,904	124,158	(10,774)	-6.3%
2013	150,534	152,792	156,314	370,281	242.3%
2014	122,558	124,396	83,098	(113,597)	-91.3%
2015	105,218	106,796	39,279	290,357	271.9%
2016	93,832	95,239	241,555	430,338	451.8%
2017	75,547	76,680	221,305	(150,141)	-195.8%
2018	67,630	68,644	69,474	89,274	130.1%
2019	64,208	65,172	147,221	136,576	209.6%
Cumulative @	4.35%	6,854,473		3,676,049	53.6%

Exhibit 4 United Security Assurance Company of PA LTC-97, TQLTC-97

Nationwide Experience - 20.0% rate increase - 4th Qtr 2020 Implementation

Year Premium Premium Claims Claims Ratio 1998 429,999 438,856 1,100 1,168 0.3% 2000 1,033,582 1,044,881 148,626 191,079 146,626 2001 1,278,349 1,304,681 148,626 191,079 146,826 2003 1,797,794 1,829,723 560,686 676,257 37.0% 2004 2,312,117 2,573,692 803,420 1,008,051 39.2% 2006 2,571,997 2,624,976 869,398 1,329,660 50.7% 2006 2,571,997 2,624,976 869,398 1,329,660 50.7% 2007 2,539,734 2,592,049 1,035,520 1,326,672 51.2% 2008 2,426,809 2,476,797 1,001,799 1,307,208 52.8% 2010 2,145,542 2,149,481 1,370,000 1,275,303 59.5% 2011 2,164,460 2,144,448 1,373,000 1,275,303 59.5%		Cash	Earned	Paid	Incurred	Loss
1998 38,310 39,100 0.0% 1999 429,999 438,856 1,100 1,168 0.3% 2000 1,275,349 1,304,681 148,262 191,079 14,6% 2001 1,272,349 1,304,681 148,262 191,079 14,6% 2002 1,510,423 1,541,535 319,055 39,7076 25,88 2003 1,792,794 1,829,723 560,686 676,257 37,0% 2004 2,312,117 2,359,743 574,094 887,575 37,6% 2005 2,521,747 2,573,692 803,420 1,008,051 39,26 2006 2,571,997 2,624,976 869,398 1,329,660 50,7% 2007 2,539,734 2,592,049 1,035,520 1,326,672 51,2% 2008 2,426,809 2,476,797 1,001,799 1,307,208 52,8% 2009 2,286,606 2,333,706 1,068,293 1,320,708 52,8% 2010 2,145,542 2,189,737 1,339,372 1,707,776 78,0% 2011 2,146,460 2,144,448 1,373,000 1,275,303 59,5% 2012 2,038,188 2,063,429 1,307,230 1,010,461 49,0% 2013 1,834,062 1,886,923 1,218,242 2,135,997 113,28% 2014 1,641,790 1,665,024 1,249,045 1,601,753 96,2% 2016 1,307,603 1,348,678 1,739,223 1,905,414 141,3% 2017 1,140,398 1,169,311 1,746,930 1,278,132 109,3% 2019 961,929 983,958 1,533,239 1,233,638 125,4% 2019 961,929 983,958 1,533,239 1,233,638 125,4% 2020 914,080 1,155,522 1,079,694 1,551,598 1,451,459 134,49 2022 814,046 1,227,331 150,8% 2023 712,304 1,196,417 196,306 15,54,49 2024 620,290 1,158,112 193,36 2025 537,629 1,109,355 20,338,88 20,338 38,56,677 2,21,39,31 150,8% 2026 940,080 1,260,615 137,9% 2027 398,601 995,748 249,8% 2029 2033 14,606 1,227,331 150,8% 2020 14,680 1,260,615 137,9% 2020 15,660,660 1,260,615 137,9% 2020 17,4963 682,033 38,661 995,748 249,8% 2020 19,4080 1,551,598 1,451,599 1,444,499 2022 814,046 1,227,331 150,8% 2023 712,304 1,196,407 168,0% 2024 620,290 1,158,112 186,7% 2026 940,809 1,260,615 137,9% 2026 940,809 1,260,615 137,9% 2026 940,809 1,260,615 137,9% 2026 940,809 1,260,615 137,9% 2026 940,809 1,260,615 137,9% 2026 940,809 1,260,615 137,9% 2026 940,809 1,260,615 137,9% 2026 940,809 1,260,615 137,9% 2027 398,601 995,748 249,8% 2029 20333 146,699 303,557 273,8% 2020 14,600 14	Year			Claims		Ratio
1999 429,999 438,856 1,1,00 1,168 0.3% 2000 1,033,582 1,054,873 48,833 62,216 5.9% 2001 1,278,349 1,304,681 148,262 1919,079 14.6% 2002 1,510,423 1,541,535 319,055 397,076 25.8% 2003 1,792,794 1,829,723 560,686 676,257 37.0% 2004 2,312,117 2,359,743 574,094 887,575 37.6% 2005 2,521,474 2,573,692 803,420 1,008,051 39.2% 2006 2,571,997 2,624,976 869,398 1,329,660 50,76 2007 2,539,734 2,592,049 1,035,520 1,326,672 51.2% 2008 2,462,609 2,476,797 1,001,799 1,307,208 52.8% 2009 2,286,606 2,333,706 1,068,293 1,820,057 78.0% 2010 2,145,542 2,189,737 1,307,230 1,101,611 49.0% 2011 2,164,460 2,144,448 1,373,000 1,275,303 59.5% 2012 2,038,188 2,063,429 1,307,230 1,101,611 49.0% 2013 1,834,082 1,886,923 1,218,242 2,135,997 113.2% 2014 1,641,790 1,665,024 1,249,045 1,610,753 96.2% 2015 1,466,750 1,554,263 1,256,277 2,415,966 155.4% 2016 1,307,603 1,346,678 1,739,223 1,905,414 141.3% 2018 1,055,522 1,079,694 1,551,598 1,451,459 134.4% 2020 961,929 983,958 1,533,239 1,233,638 125.4% 2022 814,046 1,227,331 150.8% 2022 814,046 1,227,331 150.8% 2022 814,046 1,227,331 150.8% 2029 299,333 876,674 302.0% 2029 290,333 876,674 302.0% 2035 1,075,232 2059 1,075,232 2059 1,075,232 2059 1,075,232 2059 1,075,232 2059 1,075,232 2059 1,075,232 2059 1,075,232 2059 1,075,232 2059 1,075,233 1,075,44 15 59.7% 2020 1,054,34 12,261,351 1,069,35 2059 1,069,35		· · · · · · · · · · · · · · · · · · ·			-	
2001 1,278,349 1,304,681 148,262 191,079 14.6% 2002 1,510,423 1,541,535 319,055 397,076 25.8% 2003 1,792,794 1,829,723 506,086 676,257 37.0% 2004 2,312,117 2,359,743 574,094 887,575 37.6% 2005 2,521,747 2,573,692 803,420 1,008,051 39.2% 2006 2,571,997 2,624,976 869,398 1,329,660 50.7% 2007 2,539,734 2,592,049 1,035,520 1,326,672 51.2% 2008 2,426,809 2,476,797 1,001,799 1,307,208 52.8% 2009 2,286,606 2,333,706 1,068,293 1,820,057 78.0% 2010 2,145,542 2,189,737 1,339,372 1,707,776 78.0% 2011 2,164,460 2,144,448 1,373,000 1,275,303 59.5% 2012 2,038,188 2,063,429 1,307,230 1,010,461 49.0% 2013 1,334,082 1,886,923 1,218,242 2,135,997 113.2% 2014 1,641,790 1,665,024 1,249,045 1,601,753 96.2% 2016 1,466,750 1,554,263 1,256,277 2,415,966 155.4% 2016 1,307,603 1,348,678 1,739,223 1,905,414 141.3% 2017 1,140,398 1,169,311 1,746,930 1,278,132 109.3% 2018 1,055,522 1,079,694 1,551,598 1,451,459 134.4% 2019 961,929 983,958 1,533,239 1,233,638 125.4% 2021 966,1929 983,958 1,533,239 1,233,638 125.4% 2021 961,929 14,080 1,260,615 137.9% 2022 814,046 1,227,331 150,8% 2022 814,046 1,227,331 150,8% 2029 292,533 146,598 31,160,693 202,598 2026 463,983 1,052,232 226.8% 2029 290,333 876,674 302,09 2020 1,158,112 186,7% 2020 290,333 146,598 41,106,938 202,99 2022 203,333 876,674 302,09 203 174,963 662,09 1,158,112 186,7% 2026 246,299 810,406 329,178,120 190,598 2026 646,398 617,819 41,196,407 168,0% 2029 290,333 876,674 302,09 203 246,229 810,406 329,178,200 203 246,229 810,406 329,178,200 203 246,229 810,406 329,178,200 203 246,229 810,406 329,178,200 203 246,229 810,406 329,178,200 203 246,229 810,406 329,178,200 203 246,229 810,406 329,178,200 203 246,229 810,406 329,178,200 203 246,229 810,406 329,178,200 203 246,229 810,406 329,178,200 203 246,229 810,406 329,178,200 203 246,229 810,406 329,178,200 203 246,229 810,406 329,178,200 203 246,229 810,406 329,178,200 203 246,229 810,406 329,178,200 203 246,229 810,406 329,178,200 203 246,229 810,406 329,178,200 204 262,266 684,6% 2049 2040 38,340 262,666 684,6% 2040 2040 38,340 262,66	1999			1,100	1,168	0.3%
2002 1,510,423 1,541,535 319,055 397,076 25.8% 2003 1,792,794 1,829,723 560,686 676,257 37.6% 2004 2,312,117 2,359,743 570,094 887,575 37.6% 2005 2,521,747 2,573,692 803,420 1,008,051 39.2% 2006 2,571,997 2,624,976 869,398 1,329,660 50.7% 2007 2,539,734 2,592,049 1,035,520 1,325,672 51.2% 2008 2,426,809 2,476,797 1,001,799 1,307,208 52.8% 2009 2,286,606 2,333,706 1,068,293 1,820,057 78.0% 2010 2,145,542 2,189,737 1,339,372 1,707,776 78.0% 2011 2,164,460 2,144,448 1,373,000 1,275,303 59.5% 2012 2,038,188 2,063,429 1,072,200 1,10,461 49.0% 2013 1,834,082 1,886,923 1,218,242 2,135,997 113.2% 2014 1,641,790 1,665,024 1,249,045 1,601,753 96.2% 2015 1,466,750 1,554,623 1,565,277 2,415,966 155,4% 2016 1,307,603 1,348,678 1,739,223 1,905,414 141.3% 2017 1,140,398 1,169,311 1,746,930 1,278,132 109.3% 2019 961,929 983,958 1,533,239 1,233,638 125.4% 2020 914,080 1,260,615 137.9% 2020 914,080 1,260,615 137.9% 2021 905,625 1,007,9694 1,551,598 1,451,459 134.4% 2022 814,046 1,227,331 150.8% 2023 712,304 1,193,411 1,746,930 1,278,132 109.3% 2022 814,046 1,227,331 150.8% 2026 463,983 1,052,232 2,26.8% 2029 292,333 876,674 302.0% 2020 291,303 146,598 1,052,332 205,59% 2026 463,983 1,052,232 2,26.8% 2029 290,333 876,674 302.0% 2029 290,333 876,674 302.0% 2029 290,333 876,674 302.0% 2029 290,333 876,674 302.0% 2029 290,333 876,674 302.0% 2029 290,333 876,674 302.0% 2029 290,333 876,674 302.0% 2029 290,333 876,674 302.0% 2029 290,333 876,674 302.0% 2029 290,333 876,674 302.0% 2029 290,333 876,674 302.0% 2029 290,333 876,674 302.0% 2029 290,333 876,674 302.0% 2029 290,333 876,674 302.0% 2024 22,361 562,699 931,557 273.8% 2029 290,333 876,674 302.0% 2024 22,361 562,699 931,557 273.8% 2029 2023 174,963 682,603 389,800 2026 684,609 383,800 262,466 684,6% 2038 57,236 339,800 566,0% 2038 57,236 339,800 566,0% 2038 57,236 339,800 566,0% 2038 57,236 339,800 566,0% 2038 57,236 339,800 566,0% 2038 57,236 339,800 566,0% 2038 57,236 339,800 566,0% 2039 46,919 302,182 644,1% 2024 16,626 13,430 115,051 885,78 2026 2049 5,738 59,573,228 2026 404	2000	1,033,582	1,054,873	48,833	62,216	5.9%
2003 1,792,794 1,829,723 550,686 676,257 37.0% 2004 2,312,117 2,359,743 574,094 887,575 37.6% 2005 2,521,747 2,573,692 803,420 1,008,051 39.2% 2006 2,571,997 2,624,976 869,398 1,329,660 50.7% 2007 2,539,734 2,592,049 1,035,520 1,326,672 51.2% 2008 2,426,809 2,476,797 1,001,799 1,307,208 52.8% 2009 2,286,606 2,333,706 1,068,293 1,820,057 78.0% 2010 2,145,542 2,189,737 1,339,372 1,707,776 78.0% 2011 2,164,460 2,144,448 1,373,000 1,275,303 59.5% 2012 2,038,188 2,063,429 1,307,230 1,010,461 49.0% 2013 1,834,082 1,886,623 1,218,242 2,135,997 113.2% 2014 1,641,790 1,665,024 1,249,045 1,601,753 96.2% 2015 1,466,750 1,554,263 1,256,277 2,415,966 155,4% 2016 1,307,603 1,348,678 1,739,223 1,905,414 141.3% 2017 1,140,398 1,169,311 1,746,930 1,278,132 109.3% 2018 1,055,522 1,079,694 1,551,598 1,451,459 134.4% 2019 961,929 983,958 1,533,239 1,233,638 125.4% Cumulative @ 4.35% 60,183,057 35,944,415 59.7% 2020 914,080 1,260,615 137.9% 2021 925,859 1,249,231 134.9% 2022 814,046 1,277,331 150.8% 2023 712,304 1,196,407 168,0% 2024 620,290 1,158,112 186,7% 2026 463,983 1,052,232 226.8% 2027 398,601 995,748 249,8% 2028 340,920 933,557 273.8% 2029 299,333 876,674 20,000 2030 246,229 810,460 329,1% 2020 394,690 995,748 249,8% 2021 2022 834,046 1,277,331 150.8% 2020 146,698 116,698 116,698 20,000 2021 920,333 876,699 1,106,935 205,9% 2026 463,983 1,052,232 226,8% 2027 398,601 995,748 249,8% 2029 299,333 876,674 300,000 2030 246,229 810,460 329,1% 2031 207,983 746,835 39,1% 2032 174,963 682,063 393,860 566,0% 2033 166,598 617,819 302,182 644,1% 2044 16,698 167,819 302,182 644,1% 2040 38,340 262,466 684,6% 2041 31,235 225,740 722.7% 2042 25,371 192,165 757,4% 2044 16,696 134,340 115,051 866,0% 2036 84,301 46,598 617,819 302,182 644,1% 2044 16,698 717,4963 682,003 89,8% 2033 161,598 71,5	2001	1,278,349	1,304,681	148,262	191,079	14.6%
2004 2,312,117 2,359,743 574,094 887,575 37.6% 2005 2,521,747 2,573,692 803,420 1,008,051 39.2% 2006 2,571,997 2,624,976 869,398 1,326,672 51.2% 2008 2,426,809 2,476,797 1,001,799 1,307,208 52.8% 2009 2,286,606 2,333,706 1,068,293 1,820,057 78.0% 2010 2,145,542 2,189,737 1,339,372 1,707,776 78.0% 2011 2,164,460 2,144,448 1,373,000 1,275,303 59.5% 2012 2,038,188 2,063,429 1,307,230 1,010,461 49.0% 2013 1,834,082 1,886,923 1,218,242 2,135,997 113,28 2014 1,641,790 1,665,004 1,260,415 1,601,753 66,2% 2015 1,466,750 1,554,263 1,256,277 2,415,966 155,4% 2016 1,307,603 1,348,678 1,739,223 1,905,414 141,39<	2002	1,510,423	1,541,535	319,055	397,076	25.8%
2005 2,521,747 2,573,692 803,420 1,008,051 39.2% 2006 2,571,997 2,624,976 869,398 1,329,660 50.7% 2007 2,539,734 2,592,049 1,035,520 1,326,672 51.2% 2008 2,426,809 2,476,797 1,001,799 1,307,208 52.8% 2010 2,145,542 2,189,737 1,339,372 1,707,776 78.0% 2011 2,164,460 2,144,448 1,373,000 1,275,303 59.5% 2012 2,038,188 2,063,429 1,307,230 1,010,461 49.0% 2013 1,834,082 1,886,923 1,218,242 2,135,997 113.2% 2014 1,641,790 1,665,024 1,249,045 1,601,753 96.2% 2015 1,466,750 1,554,263 1,256,277 2,415,966 155.4% 2016 1,307,603 1,348,678 1,739,223 1,905,414 41.3% 2017 1,40,398 1,169,311 1,746,930 1,278,132 109.	2003	1,792,794	1,829,723	560,686	676,257	37.0%
2006 2,571,997 2,624,976 869,398 1,329,660 50.7% 2007 2,539,734 2,592,049 1,035,520 1,326,672 51.2% 2008 2,426,809 2,476,797 1,010,799 1,307,208 52.8% 2009 2,286,606 2,333,706 1,068,293 1,820,057 78.0% 2010 2,145,542 2,189,737 1,339,372 1,707,776 78.0% 2011 2,164,460 2,144,448 1,373,000 1,275,303 59.5% 2012 2,038,188 2,063,429 1,307,230 1,010,461 49.0% 2013 1,834,082 1,886,923 1,218,242 2,135,997 113.2% 2014 1,641,790 1,665,024 1,249,045 1,601,753 96.2% 2015 1,466,750 1,554,263 1,256,277 2,415,966 155.4% 2016 1,307,603 1,348,678 1,739,223 1,905,414 141.3% 2018 1,055,522 1,079,694 1,551,598 1,451,459 134.4% 2019 961,929 983,958 1,533,239 1,233,638 125.4% 2020 914,080 1,266,615 137.9% 2020 914,080 1,266,615 137.9% 2022 814,046 1,227,331 150,8% 2023 712,304 1,196,407 168.0% 2024 620,290 1,158,112 186.7% 2026 463,983 1,052,323 2,223 2,268,8% 2027 398,601 995,748 249,985 2029 290,333 876,674 302,0% 2031 207,983 146,598 611,995,748 249,985 2029 290,333 876,674 302,0% 2029 290,333 876,674 302,0% 2031 207,983 146,598 617,819 2029 290,333 876,674 302,0% 2029 290,333 876,674 302,0% 2031 207,983 146,598 617,819 398,860 195,748 249,88 2033 146,598 617,819 302,182 2034 122,361 563,383 146,598 617,819 302,182 2039 46,919 302,182 505,9% 2034 122,361 562,339 459,6% 2034 122,361 562,339 459,6% 2034 122,361 562,339 459,6% 2034 122,361 562,339 459,6% 2034 122,361 562,339 459,6% 2034 122,361 562,339 46,919 302,182 544,88 2034 122,361 562,339 459,6% 2034 122,361 562,339 459,6% 2034 122,361 562,339 459,6% 2034 122,361 562,339 459,6% 2034 122,361 562,339 459,6% 2034 122,361 562,339 459,6% 2034 122,361 562,339 459,6% 2034 122,361 562,339 459,6% 2034 122,361 562,339 459,6% 2034 122,361 562,339 459,6% 2034 122,361 562,339 459,6% 2034 122,361 562,339 459,6% 2034 122,361 562,339 459,6% 2034 122,361 562,339 459,6% 2034 122,361 562,339 459,6% 2034 122,361 562,339 459,6% 2034 122,361 562,369 393,860 566,0% 2034 125,371 192,165 757,4% 2046 10,843 90,551 34,871 150,518 860,5% 2049 5,738 80,96 560,0% 2049 5,738 80,96 560,0% 2049 5,738 2050 44,	2004	2,312,117	2,359,743	574,094	887,575	37.6%
2007 2,539,734 2,592,049 1,035,520 1,326,672 51.2% 2008 2,426,809 2,476,797 1,001,799 1,307,208 52.8% 2009 2,286,606 2,333,706 1,068,293 1,820,057 78.0% 2010 2,145,542 2,189,737 1,339,372 1,707,776 78.0% 2011 2,164,460 2,144,448 1,373,000 1,275,303 59.5% 2012 2,038,188 2,063,429 1,307,230 1,010,461 49.0% 2013 1,834,082 1,886,923 1,218,242 2,135,997 113.2% 2014 1,641,790 1,665,024 1,249,045 1,601,753 96.2% 2016 1,307,603 1,348,678 1,739,223 1,905,414 141.3% 2017 1,140,398 1,169,311 1,746,930 1,278,132 109.3% 2018 1,055,522 1,079,694 1,551,598 1,451,459 134.4% 2019 961,929 983,958 1,533,239 1,233,638 125.4% 2020 914,080 1,266,615 137.9% 2021 995,959 1,249,231 134.9% 2022 814,046 1,227,331 150.8% 2023 712,304 1,196,407 168.0% 2024 620,290 1,158,112 186,7% 2026 463,983 1,052,232 226.8% 2027 398,601 995,748 249,8% 2029 299,333 876,674 302.0% 2030 246,229 810,460 329,1% 2032 174,963 663,83 1,052,232 226.8% 2027 398,601 995,748 249,8% 2029 290,333 876,674 302.0% 2030 246,229 810,460 329,1% 2032 174,963 682,063 389,8% 2029 290,333 876,674 302.0% 2030 246,229 810,460 329,1% 2030 246,229 810,460 329,1% 2031 207,983 746,835 359,1% 2032 174,963 682,063 389,8% 2029 290,333 876,674 302.0% 2036 84,301 445,506 52.85 92,184 2036 84,301 445,506 52.85 92,184 2036 2038 57,236 340,01 445,506 52.85 2039 46,919 302,182 644,1% 2036 84,301 445,506 52.85 2039 46,919 302,182 644,1% 2036 84,301 445,506 52.85 2039 46,919 302,182 644,1% 2036 84,301 445,506 52.85 2039 46,919 302,182 644,1% 2036 84,301 445,506 52.85 2039 46,919 302,182 644,1% 2036 84,301 445,506 52.85 2039 46,919 302,182 644,1% 2036 84,301 445,506 52.85 2039 46,919 302,182 644,1% 2036 84,301 445,506 52.85 2039 46,919 302,182 644,1% 2036 84,301 445,506 52.85 2039 46,919 302,182 644,1% 2036 84,301 445,506 52.85 2039 46,919 302,182 644,1% 2036 84,301 445,506 52.85 2039 46,919 302,182 644,1% 2036 84,301 445,506 52.85 2039 46,919 302,182 644,1% 2036 84,301 445,506 52.85 2039 2036 84,301 46,606 329,305 500,508 2036 84,301 46,606 329,305 500,508 2036 84,301 46,606 329,305 500,508 20	2005	2,521,747	2,573,692	803,420	1,008,051	39.2%
2008	2006	2,571,997	2,624,976	869,398	1,329,660	50.7%
2009	2007	2,539,734	2,592,049	1,035,520	1,326,672	51.2%
2010 2,145,542 2,189,737 1,339,372 1,707,776 78.0% 2011 2,164,660 2,144,448 1,373,000 1,275,303 59.5% 2012 2,038,188 2,063,429 1,307,230 1,010,461 49.0% 2013 1,834,082 1,886,923 1,218,242 2,135,997 113.2% 2014 1,641,790 1,665,024 1,249,045 1,601,753 96.2% 2015 1,466,750 1,554,263 1,256,277 2,415,966 155.4% 2016 1,307,603 1,348,678 1,739,223 1,905,414 141.3% 2017 1,140,398 1,169,311 1,746,930 1,278,132 109.3% 2018 1,055,522 1,079,694 1,551,598 1,451,459 134.4% 2019 961,929 983,958 1,533,339 1,233,638 125.4% Cumulative @ 4.35% 60,183,057 35,944,415 59.7% 2020 914,080 1,260,615 137.9% 2021 925,859 1,	2008	2,426,809	2,476,797	1,001,799	1,307,208	52.8%
2011 2,164,460 2,144,448 1,373,000 1,275,303 59.5% 2012 2,038,188 2,063,429 1,307,230 1,010,461 49.0% 2013 1,834,082 1,886,923 1,218,242 2,135,997 113.2% 2014 1,641,790 1,665,024 1,249,045 1,601,753 96.2% 2015 1,466,750 1,554,263 1,256,277 2,415,966 155.4% 2016 1,307,603 1,348,678 1,739,223 1,905,414 141.3% 2018 1,055,522 1,079,694 1,551,598 1,451,459 134.4% 2019 961,929 983,958 1,533,239 1,233,638 125.4% Cumulative @ 4.35% 60,183,057 35,944,415 59.7% 2020 914,080 1,260,615 137.9% 2021 925,859 1,249,231 134.9% 2022 814,046 1,227,331 150.8% 2023 712,304 1,196,407 168.0% 2024 620,290 <						78.0%
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2051 3,821 31,342 820.2% PV of Future @ 4.35% 5,773,228 12,375,250 214.4%	2050					
						820.2%
Total 65,956,285 48,319,665 73.3%	PV of Future @	4.35%	5,773,228		12,375,250	214.4%
	Total		65,956,285		48,319,665	73.3%

Exhibit 6

Demonstration that Lifetime Incurred Claims with Requested 20.0% Increase are not less than the Lifetime Earned Premium with Prescribed Factors Nationwide LTC-97, TQLTC-97 (December 31, 2019)

All Policies

Accumulated Value of Initial Earned Premium	54,227,977 x 58% =	31,452,227
2a Accumulated Value of Earned Premium 2b Accumulated Value of Prior Premium Rate Schedule Increases (2a - 1)	60,183,057 5,955,081 x 85% =	5,061,819
3 Present Value of Future Projected Initial Earned Premium	4,085,118 x 58% =	2,369,368
4a Present Value of Future Projected Premium	5,773,228	
 4b Present Value of Future Projected Premium in excess of initial earned premiums (4a - 3) 5 Lifetime Earned Premium Times Prescribed Factor: (1 + 2b + 3 + 4b) 	1,688,110 x 85% =	1,434,893 40,318,307
6a Accumulated Value of Incurred Claims without Inclusion of Active Life Reserves		35,944,415
6b Present Value of Future Projected Incurred Claims without Inclusion of Active Life Reserves	;	12,375,250
7 Lifetime Incurred Claims (6a + 6b)		48,319,665
8 Test: 7 greater than or equal to 5		Pass
	Item #7 / Item #5 =	119.8%

Exhibit 7 United Security Assurance Company of PA LTC-97, TQLTC-97 Policy and Claim Counts by Year Nationwide

		Claims
<u>Year</u>	<u>Policies</u>	By Incrd Yr
1998	46	
1999	423	9
2000	974	19
2001	1155	18
2002	1309	28
2003	1495	32
2004	1839	42
2005	1667	40
2006	1575	45
2007	1512	34
2008	1386	41
2009	1175	47
2010	1144	42
2011	1104	43
2012	1024	38
2013	947	64
2014	855	35
2015	782	46
2016	723	36
2017	643	32
2018	587	25
2019	541	11
2020	464.8	
2021	415.1	
2022	369.1	
2023	326.9	
2024	288.3	
2025	253.2	
2026	221.4	
2027	192.8	
2028	167.2	
2029	144.4	
2030	124.1	
2031	106.3	
2032	90.6	
2033	76.9	
2034	64.9	
2035	54.6	
2036	45.7	
2037	38.1	
2038	31.6	
2039	26.1	
2040	21.4	
2041	17.5	
2042	14.3	
2043	11.6	
2044	9.4	
2045	7.5	
2046	6.1	
2047	4.9	
2048	3.9	
2049	3.1	

Exhibit 7A

United Security Assurance Company of PA

Form TQLTC-97-U

Policy and Claim Counts by Year

Pennsylvania

	-	Claims
<u>Year</u>	<u>Policies</u>	By Incrd Yr
1998	1	0
1999	44	0
2000	104	0
2001	145	1
2002	144	6
2003	177	6
2004	177	3
2005	157	2
2006	141	2
2007	132	3
2008	120	2
2009	112	4
2010	98	3
2011	83	2
2012	81	3
2013	74	10
2014	63	4
2015	59	4
2016	55	4
2017	49	1
2018	42	3
2019	37	2

Exhibit 8 United Security Assurance Company of PA LTC-97, TQLTC-97

Nationwide Experience - A one-time Rate Increase of 20.0% - 4Q2020 Implementation

With 10% worse	Morbidity
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Year Premium Permium Claims Ratio 1998 33,310 39,100 - - 0.0% 1999 429,999 438,856 1,100 1,168 0.3% 2000 1,033,582 1,054,873 48,833 62,216 5.9% 2001 1,278,349 1,304,681 148,262 191,079 14.6% 2003 1,792,794 1,829,723 560,686 676,257 37.0% 2004 2,312,117 2,359,743 574,094 88,755 37.0% 2005 2,521,747 2,573,692 803,420 1,008,051 39.2% 2006 2,571,997 2,624,976 869,398 1,326,672 51.2% 2008 2,426,809 2,2476,797 1,001,799 1,307,208 52.8% 2010 2,145,542 2,189,737 1,339,372 1,707,776 78.0% 2011 2,164,600 2,144,448 1,373,000 1,275,303 59.5% 2012 2,038,188 2,		Cash	Earned	Paid	Incurred	Loss
1998	Vear					
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2022 814,046 1,350,064 165.8% 2023 712,304 1,316,047 184.8% 2024 620,290 1,273,923 205.4% 2025 537,629 1,217,629 226.5% 2026 463,983 1,157,455 249.5% 2027 398,601 1,095,323 274.8% 2028 340,920 1,026,912 301.2% 2030 246,229 891,506 362.1% 2031 207,983 821,518 395.0% 2032 174,963 750,270 428.8% 2033 146,598 679,601 463.6% 2034 122,361 618,573 505.5% 2035 101,751 553,317 543.8% 2036 84,301 490,057 581.3% 2037 69,586 433,246 622.6% 2038 57,236 381,712 666.9% 2039 46,919 332,400 708.5% 2040 38,340 288,713 753.0% 2041 31,335 248,314 795.0%	2020		914,080		1,386,677	151.7%
2023 712,304 1,316,047 184.8% 2024 620,290 1,273,923 205.4% 2025 537,629 1,217,629 226.5% 2026 463,983 1,157,455 249.5% 2027 398,601 1,095,323 274.8% 2028 340,920 1,026,912 301.2% 2029 290,333 964,342 332.1% 2030 246,229 891,506 362.1% 2031 207,983 821,518 395.0% 2032 174,963 750,270 428.8% 2033 146,598 679,601 463.6% 2034 122,361 618,573 505.5% 2035 101,751 553,317 543.8% 2036 84,301 490,057 581.3% 2037 69,586 433,246 622.6% 2038 57,236 381,712 666.9% 2039 46,919 332,400 708.5% 2040 38,340 288,713	2021		925,859		1,374,154	148.4%
2024 620,290 1,273,923 205.4% 2025 537,629 1,217,629 226.5% 2026 463,983 1,157,455 249.5% 2027 398,601 1,095,323 274.8% 2028 340,920 1,026,912 301.2% 2029 290,333 964,342 332.1% 2030 246,229 891,506 362.1% 2031 207,983 821,518 395.0% 2032 174,963 750,270 428.8% 2033 146,598 679,601 463.6% 2034 122,361 618,573 505.5% 2035 101,751 553,317 543.8% 2036 84,301 490,057 581.3% 2037 69,586 433,246 622.6% 2038 57,236 381,712 666.9% 2039 46,919 332,400 708.5% 2040 38,340 288,713 753.0% 2041 31,235 248,314	2022		814,046		1,350,064	165.8%
2025 537,629 1,217,629 226.5% 2026 463,983 1,157,455 249.5% 2027 398,601 1,095,323 274.8% 2028 340,920 1,026,912 301.2% 2029 290,333 964,342 332.1% 2030 246,229 891,506 362.1% 2031 207,983 821,518 395.0% 2032 174,963 750,270 428.8% 2033 146,598 679,601 463.6% 2034 122,361 618,573 505.5% 2035 101,751 553,317 543.8% 2036 84,301 490,057 581.3% 2037 69,586 433,246 622.6% 2038 57,236 381,712 66.9% 2040 38,340 288,713 753.0% 2041 31,235 248,314 795.0% 2042 25,371 211,382 833.2% 2043 20,558 178,958	2023		712,304		1,316,047	184.8%
2026 463,983 1,157,455 249.5% 2027 398,601 1,095,323 274.8% 2028 340,920 1,026,912 301.2% 2029 290,333 964,342 332.1% 2030 246,229 891,506 362.1% 2031 207,983 821,518 395.0% 2032 174,963 750,270 428.8% 2033 146,598 679,601 463.6% 2034 122,361 618,573 505.5% 2035 101,751 553,317 543.8% 2036 84,301 490,057 581.3% 2037 69,586 433,246 622.6% 2038 57,236 381,712 666.9% 2040 38,340 288,713 753.0% 2041 31,235 248,314 795.0% 2042 25,371 211,382 833.2% 2043 20,558 178,958 870.5% 2044 16,626 149,997 902.2% 2045 13,430 126,556 942.4%	2024		620,290		1,273,923	205.4%
2027 398,601 1,095,323 274.8% 2028 340,920 1,026,912 301.2% 2029 290,333 964,342 332.1% 2030 246,229 891,506 362.1% 2031 207,983 821,518 395.0% 2032 174,963 750,270 428.8% 2033 146,598 679,601 463.6% 2034 122,361 618,573 505.5% 2035 101,751 553,317 543.8% 2036 84,301 490,057 581.3% 2037 69,586 433,246 622.6% 2038 57,236 381,712 666.9% 2039 46,919 332,400 708.5% 2040 38,340 288,713 753.0% 2041 31,235 248,314 795.0% 2042 25,371 211,382 833.2% 2043 20,558 178,958 870.5% 2044 16,626 149,997 902.2% 2045 13,430 126,556 942.4% <tr< td=""><td>2025</td><td></td><td>537,629</td><td></td><td>1,217,629</td><td>226.5%</td></tr<>	2025		537,629		1,217,629	226.5%
2028 340,920 1,026,912 301.2% 2029 290,333 964,342 332.1% 2030 246,229 891,506 362.1% 2031 207,983 821,518 395.0% 2032 174,963 750,270 428.8% 2033 146,598 679,601 463.6% 2034 122,361 618,573 505.5% 2035 101,751 553,317 543.8% 2036 84,301 490,057 581.3% 2037 69,586 433,246 622.6% 2038 57,236 381,712 666.9% 2039 46,919 332,400 708.5% 2040 38,340 288,713 753.0% 2041 31,235 248,314 795.0% 2042 25,371 211,382 833.2% 2043 20,558 178,958 870.5% 2044 16,626 149,997 902.2% 2045 13,430 126,556 942.4% 2046 10,843 105,071 969.0%	2026		463,983		1,157,455	249.5%
2029 290,333 964,342 332.1% 2030 246,229 891,506 362.1% 2031 207,983 821,518 395.0% 2032 174,963 750,270 428.8% 2033 146,598 679,601 463.6% 2034 122,361 618,573 505.5% 2035 101,751 553,317 543.8% 2036 84,301 490,057 581.3% 2037 69,586 433,246 622.6% 2038 57,236 381,712 666.9% 2039 46,919 332,400 708.5% 2040 38,340 288,713 753.0% 2041 31,235 248,314 795.0% 2042 25,371 211,382 833.2% 2043 20,558 178,958 870.5% 2044 16,626 149,997 902.2% 2045 13,430 126,556 942.4% 2046 10,843 105,071 969.0% 2047 8,756 86,354 986.2%	2027		398,601		1,095,323	274.8%
2030 246,229 891,506 362.1% 2031 207,983 821,518 395.0% 2032 174,963 750,270 428.8% 2033 146,598 679,601 463.6% 2034 122,361 618,573 505.5% 2035 101,751 553,317 543.8% 2036 84,301 490,057 581.3% 2037 69,586 433,246 622.6% 2038 57,236 381,712 666.9% 2039 46,919 332,400 708.5% 2040 38,340 288,713 753.0% 2041 31,235 248,314 795.0% 2042 25,371 211,382 833.2% 2043 20,558 178,958 870.5% 2044 16,626 149,997 902.2% 2045 13,430 126,556 942.4% 2046 10,843 105,071 969.0% 2047 8,756 86,354 986.2% 2048 7,080 70,282 992.7% <td< td=""><td>2028</td><td></td><td>340,920</td><td></td><td>1,026,912</td><td>301.2%</td></td<>	2028		340,920		1,026,912	301.2%
2031 207,983 821,518 395.0% 2032 174,963 750,270 428.8% 2033 146,598 679,601 463.6% 2034 122,361 618,573 505.5% 2035 101,751 553,317 543.8% 2036 84,301 490,057 581.3% 2037 69,586 433,246 622.6% 2038 57,236 381,712 666.9% 2039 46,919 332,400 708.5% 2040 38,340 288,713 753.0% 2041 31,235 248,314 795.0% 2042 25,371 211,382 833.2% 2043 20,558 178,958 870.5% 2044 16,626 149,997 902.2% 2045 13,430 126,556 942.4% 2046 10,843 105,071 969.0% 2047 8,756 86,354 986.2% 2048 7,080 70,282 992.7% 2049 5,738 55,949 975.0% 20	2029		290,333		964,342	332.1%
2032 174,963 750,270 428.8% 2033 146,598 679,601 463.6% 2034 122,361 618,573 505.5% 2035 101,751 553,317 543.8% 2036 84,301 490,057 581.3% 2037 69,586 433,246 622.6% 2038 57,236 381,712 666.9% 2039 46,919 332,400 708.5% 2040 38,340 288,713 753.0% 2041 31,235 248,314 795.0% 2042 25,371 211,382 833.2% 2043 20,558 178,958 870.5% 2044 16,626 149,997 902.2% 2045 13,430 126,556 942.4% 2046 10,843 105,071 969.0% 2047 8,756 86,354 986.2% 2048 7,080 70,282 992.7% 2049 5,738 55,949 975.0% 2050 4,670 44,200 946.5% 2051<	2030		246,229		891,506	362.1%
2033 146,598 679,601 463.6% 2034 122,361 618,573 505.5% 2035 101,751 553,317 543.8% 2036 84,301 490,057 581.3% 2037 69,586 433,246 622.6% 2038 57,236 381,712 666.9% 2039 46,919 332,400 708.5% 2040 38,340 288,713 753.0% 2041 31,235 248,314 795.0% 2042 25,371 211,382 833.2% 2043 20,558 178,958 870.5% 2044 16,626 149,997 902.2% 2045 13,430 126,556 942.4% 2046 10,843 105,071 969.0% 2047 8,756 86,354 986.2% 2048 7,080 70,282 992.7% 2049 5,738 55,949 975.0% 2050 4,670 44,200 946.5% 2051 3,821 34,476 902.2% PV of Fu	2031		207,983		821,518	395.0%
2034 122,361 618,573 505.5% 2035 101,751 553,317 543.8% 2036 84,301 490,057 581.3% 2037 69,586 433,246 622.6% 2038 57,236 381,712 666.9% 2039 46,919 332,400 708.5% 2040 38,340 288,713 753.0% 2041 31,235 248,314 795.0% 2042 25,371 211,382 833.2% 2043 20,558 178,958 870.5% 2044 16,626 149,997 902.2% 2045 13,430 126,556 942.4% 2046 10,843 105,071 969.0% 2047 8,756 86,354 986.2% 2048 7,080 70,282 992.7% 2049 5,738 55,949 975.0% 2050 4,670 44,200 946.5% 2051 3,821 34,476 902.2% PV of Future @ 4.35% 5,773,228 13,612,775 235.8% <td>2032</td> <td></td> <td>174,963</td> <td></td> <td>750,270</td> <td>428.8%</td>	2032		174,963		750,270	428.8%
2035 101,751 553,317 543.8% 2036 84,301 490,057 581.3% 2037 69,586 433,246 622.6% 2038 57,236 381,712 666.9% 2039 46,919 332,400 708.5% 2040 38,340 288,713 753.0% 2041 31,235 248,314 795.0% 2042 25,371 211,382 833.2% 2043 20,558 178,958 870.5% 2044 16,626 149,997 902.2% 2045 13,430 126,556 942.4% 2046 10,843 105,071 969.0% 2047 8,756 86,354 986.2% 2048 7,080 70,282 992.7% 2049 5,738 55,949 975.0% 2050 4,670 44,200 946.5% 2051 3,821 34,476 902.2% PV of Future @ 4.35% 5,773,228 13,612,775 235.8%	2033		146,598		679,601	463.6%
2036 84,301 490,057 581.3% 2037 69,586 433,246 622.6% 2038 57,236 381,712 666.9% 2039 46,919 332,400 708.5% 2040 38,340 288,713 753.0% 2041 31,235 248,314 795.0% 2042 25,371 211,382 833.2% 2043 20,558 178,958 870.5% 2044 16,626 149,997 902.2% 2045 13,430 126,556 942.4% 2046 10,843 105,071 969.0% 2047 8,756 86,354 986.2% 2048 7,080 70,282 992.7% 2049 5,738 55,949 975.0% 2050 4,670 44,200 946.5% 2051 3,821 34,476 902.2% PV of Future @ 4.35% 5,773,228 13,612,775 235.8%	2034		122,361		618,573	505.5%
2037 69,586 433,246 622.6% 2038 57,236 381,712 666.9% 2039 46,919 332,400 708.5% 2040 38,340 288,713 753.0% 2041 31,235 248,314 795.0% 2042 25,371 211,382 833.2% 2043 20,558 178,958 870.5% 2044 16,626 149,997 902.2% 2045 13,430 126,556 942.4% 2046 10,843 105,071 969.0% 2047 8,756 86,354 986.2% 2048 7,080 70,282 992.7% 2049 5,738 55,949 975.0% 2050 4,670 44,200 946.5% 2051 3,821 34,476 902.2% PV of Future @ 4.35% 5,773,228 13,612,775 235.8%	2035		101,751		553,317	543.8%
2038 57,236 381,712 666.9% 2039 46,919 332,400 708.5% 2040 38,340 288,713 753.0% 2041 31,235 248,314 795.0% 2042 25,371 211,382 833.2% 2043 20,558 178,958 870.5% 2044 16,626 149,997 902.2% 2045 13,430 126,556 942.4% 2046 10,843 105,071 969.0% 2047 8,756 86,354 986.2% 2048 7,080 70,282 992.7% 2049 5,738 55,949 975.0% 2050 4,670 44,200 946.5% 2051 3,821 34,476 902.2% PV of Future @ 4.35% 5,773,228 13,612,775 235.8%	2036		84,301		490,057	581.3%
2039 46,919 332,400 708.5% 2040 38,340 288,713 753.0% 2041 31,235 248,314 795.0% 2042 25,371 211,382 833.2% 2043 20,558 178,958 870.5% 2044 16,626 149,997 902.2% 2045 13,430 126,556 942.4% 2046 10,843 105,071 969.0% 2047 8,756 86,354 986.2% 2048 7,080 70,282 992.7% 2049 5,738 55,949 975.0% 2050 4,670 44,200 946.5% 2051 3,821 34,476 902.2% PV of Future @ 4.35% 5,773,228 13,612,775 235.8%	2037		69,586		433,246	622.6%
2040 38,340 288,713 753.0% 2041 31,235 248,314 795.0% 2042 25,371 211,382 833.2% 2043 20,558 178,958 870.5% 2044 16,626 149,997 902.2% 2045 13,430 126,556 942.4% 2046 10,843 105,071 969.0% 2047 8,756 86,354 986.2% 2048 7,080 70,282 992.7% 2049 5,738 55,949 975.0% 2050 4,670 44,200 946.5% 2051 3,821 34,476 902.2% PV of Future @ 4.35% 5,773,228 13,612,775 235.8%	2038		57,236		381,712	666.9%
2041 31,235 248,314 795.0% 2042 25,371 211,382 833.2% 2043 20,558 178,958 870.5% 2044 16,626 149,997 902.2% 2045 13,430 126,556 942.4% 2046 10,843 105,071 969.0% 2047 8,756 86,354 986.2% 2048 7,080 70,282 992.7% 2049 5,738 55,949 975.0% 2050 4,670 44,200 946.5% 2051 3,821 34,476 902.2% PV of Future @ 4.35% 5,773,228 13,612,775 235.8%	2039		46,919		332,400	708.5%
2042 25,371 211,382 833.2% 2043 20,558 178,958 870.5% 2044 16,626 149,997 902.2% 2045 13,430 126,556 942.4% 2046 10,843 105,071 969.0% 2047 8,756 86,354 986.2% 2048 7,080 70,282 992.7% 2049 5,738 55,949 975.0% 2050 4,670 44,200 946.5% 2051 3,821 34,476 902.2% PV of Future @ 4.35% 5,773,228 13,612,775 235.8%	2040		38,340		288,713	753.0%
2043 20,558 178,958 870.5% 2044 16,626 149,997 902.2% 2045 13,430 126,556 942.4% 2046 10,843 105,071 969.0% 2047 8,756 86,354 986.2% 2048 7,080 70,282 992.7% 2049 5,738 55,949 975.0% 2050 4,670 44,200 946.5% 2051 3,821 34,476 902.2% PV of Future @ 4.35% 5,773,228 13,612,775 235.8%	2041		31,235		248,314	795.0%
2044 16,626 149,997 902.2% 2045 13,430 126,556 942.4% 2046 10,843 105,071 969.0% 2047 8,756 86,354 986.2% 2048 7,080 70,282 992.7% 2049 5,738 55,949 975.0% 2050 4,670 44,200 946.5% 2051 3,821 34,476 902.2% PV of Future @ 4.35% 5,773,228 13,612,775 235.8%	2042		25,371		211,382	833.2%
2045 13,430 126,556 942.4% 2046 10,843 105,071 969.0% 2047 8,756 86,354 986.2% 2048 7,080 70,282 992.7% 2049 5,738 55,949 975.0% 2050 4,670 44,200 946.5% 2051 3,821 34,476 902.2% PV of Future @ 4.35% 5,773,228 13,612,775 235.8%	2043		20,558		178,958	870.5%
2046 10,843 105,071 969.0% 2047 8,756 86,354 986.2% 2048 7,080 70,282 992.7% 2049 5,738 55,949 975.0% 2050 4,670 44,200 946.5% 2051 3,821 34,476 902.2% PV of Future @ 4.35% 5,773,228 13,612,775 235.8%	2044		16,626		149,997	902.2%
2047 8,756 86,354 986.2% 2048 7,080 70,282 992.7% 2049 5,738 55,949 975.0% 2050 4,670 44,200 946.5% 2051 3,821 34,476 902.2% PV of Future @ 4.35% 5,773,228 13,612,775 235.8%	2045		13,430		126,556	942.4%
2048 7,080 70,282 992.7% 2049 5,738 55,949 975.0% 2050 4,670 44,200 946.5% 2051 3,821 34,476 902.2% PV of Future @ 4.35% 5,773,228 13,612,775 235.8%	2046		10,843		105,071	969.0%
2049 5,738 55,949 975.0% 2050 4,670 44,200 946.5% 2051 3,821 34,476 902.2% PV of Future @ 4.35% 5,773,228 13,612,775 235.8%	2047		8,756		86,354	986.2%
2050 4,670 44,200 946.5% 2051 3,821 34,476 902.2% PV of Future @ 4.35% 5,773,228 13,612,775 235.8%	2048		7,080		70,282	992.7%
2051 3,821 34,476 902.2% PV of Future @ 4.35% 5,773,228 13,612,775 235.8%	2049		5,738		55,949	975.0%
PV of Future @ 4.35% 5,773,228 13,612,775 235.8%	2050		4,670		44,200	946.5%
	2051		3,821		34,476	902.2%
Total 65,956,285 49,557,190 75.1%	PV of Future @	4.35%	5,773,228		13,612,775	235.8%
	Total		65,956,285		49,557,190	75.1%

Exhibit 9
United Security Assurance Company of PA
TQLTC-97-U
Claim Costs \$10/month

Nursing Home Only Level Benefit

	Benefit	Benefit Period						
Attained	24	60						
<u>Age</u>	<u>Month</u>	<u>Month</u>	<u>Lifetime</u>					
62	8.88	15.25	26.14					
67	12.69	21.65	33.52					
72	31.60	53.42	74.48					
77	65.89	109.70	137.25					
82	154.87	254.03	290.35					
87	306.06	486.69	219.41					
92	360.85	551.38	564.62					
97	464.81	699.62	711.98					
102	576.58	867.85	878.13					

Nursing Home + Home Health Care Level Benefit

	Benefi	Benefit Period						
Attained	24	60						
Age	<u>Month</u>	<u>Month</u>	<u>Lifetime</u>					
62	5.98	10.26	17.59					
67	8.54	14.56	22.55					
72	21.26	35.94	50.12					
77	47.11	78.43	98.13					
82	115.60	189.61	216.72					
87	205.94	327.48	349.49					
92	242.81	371.01	379.92					
97	312.76	470.75	479.07					
102	387.96	583.95	590.87					

Exhibit 10

United Security Assurance Company of PA

Policy Form Series: TQLTC-97-U

Rider Form Series: LTC-IF5 Compound Inflation and LTC-HHC/R(ND)-U Home Health Care Voluntary Pricing Lapse Rates

Policy Duration

IssAge	1	2	3	4	5	6	7	8	9	10	11+
52	22.0%	18.0%	15.0%	12.0%	8.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%
57	22.0%	18.0%	15.0%	12.0%	8.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%
62	22.0%	18.0%	15.0%	12.0%	8.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%
67	22.0%	18.0%	15.0%	12.0%	8.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%
72	22.0%	18.0%	15.0%	12.0%	8.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%
77	22.0%	18.0%	15.0%	12.0%	8.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%
82	22.0%	18.0%	15.0%	12.0%	8.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%

Current Lapse Rates on the 541 in force LTC-97/TQLTC-97 policies Policy Duration

1 2 3 4 5 6 7 8 9 10 11+ 7.5% 6.9% 6.8% 6.7% 3.5% 3.5% 3.3% 3.3% 3.3% 3.1% 3.0% 9/24/2020 Underwriting Selection

Exhibit 11
United Security Assurance Company of PA
Policy Form Series: TQLTC-97-U
Rider Form Series: LTC-IF5 Compound Inflation
and LTC-HHC/R(ND)-U Home Health Care
Selection Factors

	Issue Age						
Dur	< 65	65 - 69	70 - 79	80 - 84	>= 85		
1	60.0%	60.0%	60.0%	60.0%	70.0%		
2	70.0%	70.0%	70.0%	70.0%	85.0%		
3	80.0%	80.0%	80.0%	80.0%	100.0%		
4	90.0%	90.0%	90.0%	90.0%	100.0%		
5	100.0%	100.0%	100.0%	100.0%	100.0%		
6	100.0%	100.0%	100.0%	100.0%	100.0%		
7	100.0%	100.0%	100.0%	100.0%	100.0%		
8	100.0%	100.0%	100.0%	100.0%	100.0%		
9	100.0%	100.0%	100.0%	100.0%	100.0%		
10+	100.0%	100.0%	100.0%	100.0%	100.0%		

9/24/2020 ALR by Year

Exhibit 13
United Security Assurance Company of PA
LTC-97, TQLTC-97

<u>Year</u>	Active Life Reserve
1999-2007	Unavailable
2008	3,050,801
2009	4,438,776
2010	5,087,834
2011	5,652,481
2012	6,302,648
2013	6,481,861
2014	7,188,291
2015	7,346,411
2016	7,604,674
2017	7,696,206
2018	7,836,968
2019	7,717,312

UNITED SECURITY ASSURANCE COMPANY OF PA Address: 673 Cherry Lane, P. O. Box 64477, Souderton, PA 18964 Actuarial Memorandum for Long Term Care Policies September 25, 2020

<u>Product</u> <u>Policy Forms</u> <u>Rider Forms</u>

TQLTC-97, et al Tax Qualified LTC TQLTC-97-U LTC-HHC/R-U, LTCIF5-U,

LTC-SBO-U, WR-97-U

These policy forms were issued by United Security Assurance Company of Pennsylvania (USAP) from 1997 through 2013. These policies are no longer being marketed in any jurisdiction.

1. Purpose of Filing

This actuarial memorandum has been prepared for the purpose of demonstrating that the requested rate increase of this product meets the minimum requirements and demonstrates compliance with your jurisdiction. This filing may not be suitable for other purposes.

The rate increase being requested will not apply to those policies whose premiums are being waived at the time the rate increase becomes effective but will apply if/when such policies return to a premium-paying status.

As part of the Company's normal rate increase notification process, the Company will communicate clearly, at the time of notification, that the insured has the opportunity to discuss policy modifications designed to either moderate or fully offset the rate increase(s). Modifications can include adjustments to the maximum daily benefit and/or other components of the policy. The Company will also provide the standard contingent non-forfeiture benefit to all policyholders who qualify for that option.

2. Description of Benefits

These policies pay the actual charges up to the applicable daily benefit for confinement in a Long Term Care Facility. Confinement must be medically necessary or the insured must be unable to perform two or more activities of daily living or be cognitively impaired. TQLTC-97 has a 2% discount for Long Term Care Benefits and 5% for the Home Health Care Benefits to reflect the more restrictive benefit triggers required for tax qualified long term care insurance.

Elimination Period – The number of days for which benefits would otherwise be payable during each Period of Care that must be satisfied before benefits are payable under the policy. Elimination periods offered are 0 days, 20 days, and 100 days.

Maximum Benefit Period – This is the maximum number of days for which benefits are payable under the policy. Maximum Benefit Periods offered are 1 year, 2 years, 3 years, 4 years, 5 years, and lifetime. The one year benefit is not available in Florida, Maryland, or any other state where it is restricted. Prior hospitalization is not required for benefits.

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Adult Day Care Benefit – The policy pays actual charges up to 50% of the applicable daily benefit for covered care in an Adult Day Care Center for a maximum of 12 months. The benefit payable will reduce the Long Term Care Benefit by ½ day for each day covered.

Alternate Plan of Care Benefit – The policy provides for an alternate plan of care provided that the insured would otherwise require confinement in a long term care facility for a maximum amount of 180 times the daily benefit amount. The alternative plan of care must be agreed to by the insured, the insured's physician and the Company.

Home Health Care Benefit (LTC-HHC/R-U) – provides an optional home health care benefit with a daily maximum of 100% or 50% of the daily nursing home benefit. The daily maximum benefit is paid for approved Home Health Care Practitioners. These services include professional nursing, therapy services and assistance with activities of daily living. The benefits are provided if the insured is unable to perform 2 or more activities of daily living or is cognitively impaired. If this rider is elected, the maximum number of days for which benefits are payable under the policy is not changed. If the 100% option is elected, each day of home health care benefits reduces the maximum benefit period for nursing home confinements by one day. If the 50% option is elected, each two days of home health care benefits paid reduces the maximum nursing home benefit period by one day. The elimination period is the same as for the nursing home benefit. The elimination periods offered are 0 day, 20 days and 100 days. If a portion of the elimination period is satisfied under the home health care benefits, this portion is counted toward the nursing home benefit elimination period.

Non-Forfeiture Option (LTC-SBO-U) – an optional non-forfeiture option that can be attached to the LTC and/or HHC plans. The rider must be attached at the issue date of the base policy. The rider provides a reduced paid-up benefit after the policy has been in force for 3 years. The daily benefit under the paid-up option is the benefit that was in effect at the time the non-forfeiture benefit became effective, i.e., the last paid to date of the base plan. If the base plan contains an increasing benefit option, the additional benefit option is applied to determine the paid-up benefit, which is then frozen as of the paid to date. The paid-up benefit period, in days, is equal to the total premiums paid under the policy at the date of lapse divided by the daily benefit. For example, if the total annual premium had been \$1,000 and the policy had been in force for 6 years with a daily benefit of \$100, the paid-up benefit would be 60 days. If home health care benefits are included in the plan, they become part of the paid-up benefit.

Inflation Benefit (LTCIF5-U) – an automatic increase benefit is offered. If elected, this option increases benefits by 5% per year, compounded for 20 years.

Waiver of Premium (WR-97-U only available on TQLTC-97-U) – Premiums are waived after the insured has been confined to a nursing facility and benefits are paid for such confinement under this policy.

Restoration of Benefits (WR-97-U only available on TQLTC-97-U) - Maximum benefit is fully restored if the insured does not receive long term care or home health care for a period of 180 days.

Actuarial Memorandum

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This restoration applies only if the maximum benefit period has not been reached during any one period of care.

Exhibits 1 (nationwide) and 1A (Pennsylvania: informational purposes only) summarize the demographics and benefit characteristics applicable to policies in force as of December 31, 2019.

3. Renewability

These policies are guaranteed renewable for life.

4. Applicability

As these policy forms are no longer being sold, this filing is applicable to inforce policies only. The premium changes will apply to the base forms as well as all applicable options and riders.

5. Actuarial Assumptions

a. Expected Claim Costs are shown in Exhibit 9. These costs were based on the company's most recent studies (when priced in 1998) of claim frequency rates and claim termination rates on long term care plans. When the inflation benefit is added, we recognize the fact that the inflation benefit will have an impact on claims incurred in the first policy year since some of these claims will be paid in subsequent policy years when the inflation benefit would be applicable. The claim costs have been adjusted according to the table ratings.

In an article in the August 2017 SOA Long-Term Care News (pp. 10-13), it was stated that "in the LTC industry's infancy, the long-tailed risk factors underlying the LTCi product were not well appreciated." And "claims experience emerged slowly due to low claim frequencies in the early years." Also, "since a relatively small change in assumption (i.e., lapse rates) could significantly impact premiums" and "Due to adverse experience, the original premiums at the time of issue have been inadequate to cover future claim costs." However, regulators "restricting the premium increase has only served to raise future premiums for a smaller number of future policyholders." As a result, "necessary premium increases have not been granted, effectively resulting in breaches of contract." All LTCi policies approved with guaranteed renewable premiums, granted the right to administrating insurers to change (increase) premiums as justified by regulations.

As shown in Exhibits 1 (nationwide) and 1A (Pennsylvania: informational purposes only) the average attained ages (weighted by annual premium) are 81.9 and 83.7, respectively, while for those currently in claim, the average ages at date of incurral are 86.3 and 85.4, respectively.

The number of claims nationwide, and in Pennsylvania, are provided by calendar year in Exhibits 7 and 7A (PA). The average length of claim nationwide is 2.53 years (paying an average of \$45,393), and the average length of claim in Pennsylvania is 2.15 years (paying an average of \$38,289).

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- b. Durational Voluntary Lapse Rates are also those which underlie the reserves: Duration 1 = 7.5%; Dur. 2 = 6.9%; Dur. 3 = 6.8%; Dur. 4 = 6.7%; Dur. 5-6 = 3.5%; Dur. 7-9 = 3.3%; Dur. 10 = 3.1%.
- c. Mortality is a blend of the gender specific 1983 Group Annuity Mortality (83GAM) Table and the 1994 Group Annuitant Mortality (94GAM) Table which is also the basis for reserves.

The following table compares the actual total termination rate with the total termination rate implied by the combination of the mortality rates and voluntary termination rates noted above. The results shown are for years ending September 30 to coincide with the annual cash flow testing analysis and assumption setting.

Termination Study Year	Actual Total Term Rate	Expected Total Term Rate	Actual Less Expected
2011	3.26%	4.47%	-1.20%
2012	3.65%	4.72%	-1.07%
2013	4.45%	4.92%	-0.47%
2014	3.69%	5.16%	-1.47%
2015	3.44%	5.45%	-2.01%
2016	2.44%	5.69%	-3.25%
2017	3.33%	6.07%	-2.74%
2018	3.24%	6.38%	-3.14%
2019	1.64%	6.51%	-4.87%
Nine Year Total	3.34%	5.34%	-2.00%

- d. Adverse Selection. We have not modeled any shock lapse or adverse selection associated with this rate increase.
- e. Expenses. Expenses have not been explicitly projected. It is assumed that the originally filed expense assumptions remain appropriate.

These assumptions are based on the nationwide experience of the particular policy forms in this filing. The assumptions used in this filing are considered best-estimate. As stated earlier, actual morbidity levels are in excess of expected levels, in large part due to the higher than expected claims experience for older ages. These factors are the primary drivers for this request.

In establishing the assumptions described in this section, the policy design, underwriting, and claims adjudication practices for the above-referenced policy forms were taken into consideration.

6. Marketing Method

These policy forms were marketed by agents and brokers of United Security Assurance Company of Pennsylvania. These forms are no longer marketed or sold.

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7. Underwriting Description

These policies were underwritten using protocols and methods applicable at the time of policy application. Based on those protocols and methods, policies were either declined, issued Preferred/Standard (Class P/S = rating of 100%) or issued substandard (Class 1 = rating of 140% and Class 2 = 200%). As shown in Exhibits 1 (nationwide) and 1A (Pennsylvania: informational purposes only) the percentages of policies in force and underwritten as P/S, Class 1 or Class 2 (weighted by annual premium) are 24.43%, 35.22%, 40.35%, and 38.61%, 27.46%, 33.93%, respectively.

8. Premiums

Premiums are unisex and payable for life. The premiums may vary by issue age, benefit period, initial daily benefit, elimination period, inflation option, premium payment option, risk class, and the selection of any riders. Waived premiums are included as a benefit in the claim reserve calculation (which then becomes part of the incurred claims calculation).

9. Issue Age Range

Issue ages are from 40 to 89. As shown in Exhibits 1 (nationwide) and 1A (Pennsylvania: informational purposes only) the average issue ages (weighted by annual premium) are 66.6 and 67.3, respectively.

10. Area Factors

Area factors are not used for this product.

11. Premium Modalization Rules

The following modal factors are applied to the annual premium (AP): annual 100%, semi-annual 52%, quarterly 26.5% and monthly 9.0% (8.5% for monthly bank draft).

12. Reserves

Active life reserves have not been used in this analysis. There are no additional reserves held on this block of policies (such as premium deficiency reserves or AG51 reserves). The active life reserves, by year, are provided in Exhibit 13 for year-ends 2008 through 2019.

In the above, claim reserves include incurred but not reported (IBNR) reserves.

13. Trend Assumptions

As this is not medical insurance, we have not included any explicit medical cost trends in the projections.

14. Past and Future Experience

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Historical experience is compiled from company records. Actual historical incurred claims are determined as claims paid in the calendar year plus the change in claim reserves during that year.

With 2015 through 2019 calendar year incurred loss ratios well above 100%, there is no indication of any improvement to lower future expected loss ratios. Even with the implementation of the previous accepted 2005 rate increases in 8 states, and partial implementation of last year's accepted rate increases in 8 states (1 is still pending), the anticipated lifetime loss ratio has increased slightly, and is now expected to be 74.9%.

Projected experience for 2020 and after is based on a seriatim projection calculation used to calculate the active life reserves, with a true-up to 2019 actual premium and incurred claims amounts.

For purposes of accumulating experience for an anticipated or lifetime loss ratio calculation, the calendar year totals are assumed to represent a mid-year value. The loss ratios shown in the exhibits are computed using a 4.35% interest rate (approximating the weighted average rate used for statutory reserves).

Rate Stabilization model requirements allow for a much smaller rate increase than the Loss Ratio requirements. Although 8 of the 37 premium paying policies in force in Pennsylvania (21.6%) were issued before September 16, 2002, this filing was constructed as if all policies were under the more conservative Rate Stabilization requirements.

Exhibit 4 shows the projection of future experience with the requested rate increase of 20%.

Exhibit 7 shows the number of inforce policies by year, including the projected number of policies for the projection years. It also shows the number of historical incurred claims by incurral year. Exhibit 7A shows the historical number of inforce policies and incurred claim counts for Pennsylvania only.

We have tested a moderate level of morbidity based anti-selection in Exhibit 8 (nationwide experience) to reflect the possibility for increased claims activity by remaining policyholders.

15. History of Previous Rate Revisions

The Company has sold long term care insurance since 1983 and has sold these policies since 1998. Rate increase requests for forms LTC-97 and TQLTC-97 (the tax qualified version of LTC-97) were filed in various states in 2004 through 2006, and again in 2019. The amounts accepted by state are:

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	Amount of	Acceptance	
State	Increase	Date	Form(s)
PA	20% Increase	11/24/2004	TQLTC-97
	20% Increase	11/04/2019	TQLTC-97
ND	20% Increase	7/15/2005	LTC-97, TQLTC-97
	20% Increase	6/12/2019	LTC-97, TQLTC-97
	20% Increase	7/20/2020	LTC-97, TQLTC-97
KS	20% Increase	9/28/2005	LTC-97
	20% Increase	12/20/2019	LTC-97
SD	20% Increase	10/3/2005	LTC-97, TQLTC-97
	3 Incrs of 24.27% each	8/30/2019	LTC-97, TQLTC-97
MD	20% Increase	10/25/2005	LTC-97
MO	20% Increase	10/30/2005	LTC-97
	3 Incrs of 24.27% each	12/11/2019	LTC-97
NE	20% Increase	12/8/2005	LTC-97
	2 Incrs of 24.27% each	11/25/2019	LTC-97
TX	20% Increase	9/28/2006	LTC-97, TQLTC-97
	Request still Pending	2020	LTC-97, TQLTC-97
SC	20% Increase	8/17/2020	LTC-97
MN	4 Incrs of 15.0% each	7/16/2019	LTC-97

16. Analysis Performed to Consider a Rate Increase

The analysis performed in support of this filing includes morbidity and termination studies noted in Section 5 as well as emerging differences in the emerging aggregate durational-weighted loss ratios relative to that assumed in the original pricing. Exhibit 2 shows pricing projections from the originally filed Actuarial Memorandums.

- a. Original Pricing Expected Claim Costs. Original pricing claim costs were derived from the Intercompany Long Term Care experience published by the Society of Actuaries (Jan. 1995) and the 1985 Nursing Home Survey. These table values were adjusted based on the company's recent (1995-1997) studies of claim frequency rates and claim termination rates on long term care plans. When the inflation benefit is added, we recognize the fact that the inflation benefit will have an impact on claims incurred in the first policy year since some of these claims will be paid in subsequent policy years when the inflation benefit would be applicable. The claim costs have been adjusted according to the table ratings. The claim costs for the tax qualified plans have been discounted by 2% for Long Term Care Benefits and 5% for the Home Health Care Benefits to reflect the more restrictive benefit triggers required on the tax qualified long term care insurance.
- b. Original Pricing Expected Voluntary Termination Rates. Original pricing expected lapse rates varied by duration (see Exhibit 10) with the ultimate lapse rate assumed to be 7%. These were based on company experience (at that time).

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As shown in the table in Section 5c., above, terminations during the last few years are well below expectations, and the 9-year cumulative actual terminations are only about 63% of expected terminations, which will result in additional claims in the future.

- c. Original Pricing Expected Mortality. 90% of the 1983 Group Annuitant Mortality (GAM)
 Table
- d. Original Pricing Expected Investment Earnings. 5.25%

 The current investment earnings average on USAP assets is only about 4.01%. Lower than expected investment earnings results in fewer dollars to pay claims.
- e. Underwriting Selection Factors are shown in Exhibit 11.
- 17. Requested Rate Increase and Demonstration of Satisfaction of Rate Stabilization Model Requirements

Although a much larger rate increase is justified at this time (the Rate Stabilization regulation would allow a 171.74% rate increase), the Company is requesting a 20.0% rate increase on all premium paying policies in force in Pennsylvania, with the understanding that experience will continue to be monitored and further modest rate action would be taken in the future if experience continues to deteriorate from current expectations. This premium rate increase being requested is supportable under both the Loss Ratio regulation and the Rate Stabilization regulation. To mitigate the impact of these rate increases on policyholders, we offer policy modifications to partially or completely offset the rate increases.

Exhibit 3 shows the anticipated lifetime loss ratio under current expectations exclusive of the requested rate increase (Exhibit 3A is historical Pennsylvania only experience). Exhibit 4 shows the anticipated lifetime loss ratio under current expectations inclusive of the requested rate increase. As shown in Exhibits 3 and 4, the anticipated lifetime loss ratio with and without the requested rate increases exceed the minimum loss ratio requirement of 60%. The Rate Stabilization regulation targets a minimum ratio of premium (58% of original plus 85% of increased) to claims of 100%, and this rate increase request produces a ratio around 120%. Exhibit 6 shows the Rate Stabilization ratio. Exhibit 8 shows the same projection (as Exhibit 4) with 10% worse morbidity levels which are less than the levels experienced in most recent 5 years. Corresponding rates tables, reflecting the above increase, are shown in Exhibit 12.

The afore mentioned Exhibits 3, 4, and 8, show present value amounts using the discount rate of 4.35%, described in Section 14 above.

18. Number of Insureds and Annualized Premium

Based on December 31, 2019 in-force premium paying policies, the number of insureds and annualized premium that will be affected by this increase in this jurisdiction and nationwide are shown in the table below. Further nationwide splits by key benefit characteristics are shown in Exhibit 1.

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	Number of Policies	Annualized Premium Before Incr	Average Annualized Premium Before Incr	Proposed Increase	Proposed Annualized Premium After Incr	Average Annualized Premium After Incr
Nationwide	541	1,071,957	1,981	33.5%	1,431,253	2,646
Pennsylvania	37	67,477	1,824	20.0%	80,972	2,188

^{*} This represents the average future national increase based on current round of requests and approved multi-year increases from last round.

19. Proposed Effective Date

This rate increase will apply to policies on their next premium payment date following a 60-day policyholder notification period following approval. However, no policy will receive an increase until at least 12 months after the prior approved rate increase was implemented.

20. Actuarial Certification

I am an Associate of the Society of Actuaries and a Member of the American Academy of Actuaries, and I meet the Academy's qualification standards for preparing health rate filings and to render the actuarial opinion contained herein. This memorandum has been prepared in conformity with all applicable Actuarial Standards of Practice, including Actuarial Standards of Practice No. 8, 18, and 41.

I hereby certify that, to the best of my knowledge and judgment, this rate submission is in compliance with the applicable laws and regulations of Pennsylvania and the rules of the Department of Insurance. However, as the Company is not requesting the maximum permissible rate increase of 171.74% in consideration of the premium-paying policyholder's financial well-being, I am not providing a Pennsylvania Administrative Code Chapter 89a. Section 118.(b)(2)(i) certification at this time. The Company will continue to monitor experience and further premium rate schedule increases may be requested in the future if experience continues to justify as much. In my opinion the rates are not excessive or unfairly discriminatory. This filing will enhance premium adequacy.

Gary R. Hulet, ASA, MAAA

Staff Actuary

United Security Assurance Company of Pennsylvania

Gary R. Full

Date: September 25, 2020



United Security Assurance

Company of Pennsylvania

www.usaofpa.com

[Date]
[Name] [Address]
[Address]
Notice of Rate Increase and Your Options Policy Number: Decision Due Date [15 days before Billing Anniversary Date]
Dear [Policyholder]:
I am writing you today about your long term care insurance policy issued by United Security Assurance Company of Pennsylvania. You will receive a premium rate increase of 20.0%. This increase was filed by United Security with the Pennsylvania Department of Insurance and it was reviewed for compliance with applicable State laws and regulations governing long term care insurance. Because it was found to be compliant with these laws and regulations, the filing was approved. The 20.0% increase will take effect on your Billing Anniversary date listed below.

Your new modal premium amount and the due date for the scheduled rate increase is as follows:

Billing Anniversary Date	Prior [Modal] Premium	New [Modal] Premium
[Month & Date] [2021]	[\$XXX.XX]	[\$XXX.XX+20.0%] = [\$XXX.XX]

This premium rate increase is being implemented on all policies issued in Pennsylvania on your Policy Form, and not on you as an individual. This rate increase is related to expected future claims and is not based on current economic conditions. This rate increase is the only one scheduled to be implemented on your policy at this time. We realize that this is the second year in a row that we are increasing your premium. However, if future claims are worse than currently expected, we cannot guarantee that there will not be additional rate changes sometime in the future.

Recent actuarial studies for the industry have shown a dramatic rise in long term care claim rates and length of claim for older insureds. While the premium rates need to be increased, we want to explain the specific changes to your premiums and tell you how you can continue to have access to your long term care insurance coverage even if you can't afford the rate increase. So, here's what you need to know:

- If you have other policies with United Security Assurance, they will not be affected unless you receive an additional notification letter. This notice applies only to the policy number shown at the top of this letter.
- If you currently pay your premium by an automatic bank plan, your new premium amount will be automatically drafted from your account when it is due, unless you notify us prior to the Due Date at the top of this letter.
- If you are currently on waiver of premium status, your premiums will not increase until you are required to begin paying premiums again.

Ways to Reduce the Cost

If you would like to keep your current benefits, you must pay the increased premium amount. If you choose not to pay the increased premium, you will receive a Contingent Non-Forfeiture benefit. ("CNF"). Under CNF you will pay no more premiums and will have a paid-up benefit determined by the amount of premiums you have already paid, less paid claims if any. This means your Daily Benefit Amount will stay the same (for example, \$100 per day) but instead of having benefits for one year to five years, your benefit period will be shortened based on the premiums you have paid. In many cases, the decision to elect the CNF option may result in a significant reduction in benefits.

If you feel you may have difficulty affording the new premium amount, there are other ways to avoid paying the rate increase besides accepting the CNF benefit described in the above paragraph. Options available to you may be to reduce the daily benefit amount or the benefit period of your policy, or remove optional riders, if applicable. Please call us if you want to know the options available for your Policy.

How to get Help

You may wish to consult with family members and advisors about this rate increase and the options you have to minimize the effect of the increase. You may also contact the Pennsylvania State Insurance Department.

We encourage you to call our customer service department if you have any questions regarding this rate increase or would like to discuss options available for your policy. Our toll free number is: **1-800-872-3044** and we are available between 8:30 a.m. and 4:30 pm EST.

We appreciate your business and thank you for the opportunity to service your long term care insurance.

Sincerely,

[Martha Stephens] [Vice President, Operations]

United Security Assurance

Company of Pennsylvania

673 East Cherry Lane, P.O. Box 64477, Souderton, Pennsylvania 18964

September 28, 2020

James Laverty, FSA, MAAA
Actuary
Bureau of Life, Accident, and Health Insurance
Pennsylvania Department of Insurance
Harrisburg, PA 17120
Phone: 1(717)783-2117

Re: SERFF Tracking USPA-132537056

United Security Assurance Company of Pennsylvania Long Term Care Insurance Policy: TQLTC-97, et al. Your Objection Dated 9/25/2020

Dear Mr. Laverty:

Listed below are the responses to your objections regarding the above referenced filing. The objections are listed in italics with the response immediately following each.

The captioned filing has been reviewed by the Pennsylvania Insurance Department. It has been determined that the filing fails to meet the requirements of our Insurance Company Laws or regulations and is therefore disapproved pursuant to the authority granted under Section 304(a) of Act 134, the Accident and Health Filing Reform Act. In the event you have any questions regarding the stated concerns, please feel free to contact the Department for further clarification. The disapproved filing may be resubmitted within 120 days of the date of disapproval. If the Department does not hear from you within 120 days, the subject filing will be permanently closed. Such filings resubmitted after 120 days must be submitted as a new filing, inclusive of appropriate filing fees and disclosure of the closed filing SERFF tracking number

Please furnish the following information to the Department.

1. Please provide a copy of the tables contained in this filing in an Excel workbook.

Please see the attached PA Exhibits.xlsx file.

2. Please provide a table in an Excel spreadsheet (perhaps similar to Exhibit 3) which shows the historical and projected nationwide earned premium and incurred claims on a calendar year basis assuming no rate increase is granted. Please restate the historical and projected earned premium so that the business from inception appears to have all been earned at the current Pennsylvania rate level.

United Security Assurance

Company of Pennsylvania

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Please see the attached file <u>PA Level Exhibit 3.xlsx</u>. Since PA accepted the same rate increase amount in 2004 as other states, historical premiums are unchanged, except for an adjustment to the 2019 premiums since PA did not grant as much increase as some other states did. Projected earned premiums at the PA rate level are lower than the original Exhibit 3 amounts as PA only accepted a 1-time 20% rate increase in 2019 whereas many other states granted multi-year increases at higher levels than PA.

3. Of the 37 policies in force in PA, how many were issued after 9-15-2002?

As stated in the 5th paragraph of Section 14 of the Actuarial Memorandum, "Although 8 of the 37 premium paying policies in force in Pennsylvania (21.6%) were issued before September 16, 2002, this filing was constructed as if all policies were under the more conservative Rate Stabilization requirements", which implies that 29 were issued after 9-15-2002.

Hopefully this addresses your concerns with this rate increase filing. If you need additional information, please don't hesitate to ask.

Sincerely,

Gary R. Hulet, ASA, MAAA

Staff Actuary

United Security Assurance Company of PA

Gary R Fred

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